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CATALOGUE  
OF THE  
SCIENTIFIC BOOKS



OF THE  
ROYAL SOCIETY OF NEW SOUTH WALES.

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Part I. GENERAL CATALOGUE.

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SYDNEY :  
F. W. WHITE, GENERAL PRINTER,  
1889.



# CATALOGUE.

## GENERAL SCIENCE.

- Abercromby, Hon. Ralph.** Weather. A popular exposition of the nature of Weather changes from day to day.  
8°. London, 1887.
- Abernethy, John.** Surgical observations on the constitutional origin and treatment of Local Diseases and on Aneurisms.  
8°. London, 1814.
- Adams, Francis.** The Genuine Works of Hippocrates : translated from the Greek with annotations.  
2 Vols. 8°. London, 1849.  
(Old Sydenham Society.)
- **George** Essays on the Microscope, containing a practical description of the most improved Microscopes: a general history of Insects.; an account of the various species and singular properties of the Hydræ and Vorticellæ and a description of 379 Animalculæ.  
4°. London, 1787.
- **John Quincey.** Report upon Weights and Measures. Prepared in obedience to a resolution of the Senate of the 3rd March, 1817.  
8°. Washington, 1821.
- **Prof. Leith.** The Fossil Elephants.  
4°. London, 1877.  
(Paleontographical Society.)
- Addison, Thomas.** A Collection of the published Writings of the late. Edited with introductory prefaces to several of the papers by Dr. Wilks and Dr. Daldy.  
8°. London, 1868.  
(New Sydenham Society.)
- Ægineta, Paulus.** The seven Books of. Translated from the Greek with Commentary embracing a complete view of the knowledge possessed by the Greeks, Romans, and Arabians on all subjects connected with Medicine and Surgery, by Francis Adams.  
3 Vols. 8°. London, 1844.  
(Old Sydenham Society.)

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**Agassiz, Prof. Louis.** *Bibliographia Zoologiæ et Geologiæ.*

A general catalogue of all books, tracts, and memoirs on Zoology and Geology. By Prof. Louis Agassiz. Corrected, enlarged, and edited by H. E. Strickland.

4 Vols. 8°. London, 1848-54.

— *A. Report on the Echinoidea, dredged by H.M.S. "Challenger" in 1873-6.* Rl 4°. London, 1881.

(*Zool. Chall. Exp., Vol. iii., Part 9.*)

**Agricola, Georgius.** *De ortu et causis Subterraneorum de natura eorum quæ effluunt ex Terra de natura fossilium de veteribus et novis metallis Bermannus, sive de re metallica Dialogus Interpretatio Germanica vocum rei Metallicæ Addito Indice fecundissimo.*

4°. Basileæ, 1546.

**Airy, George B.** *On the corrections in the Elements of Delambre's Solar Tables required by the observations made at the Royal Observatory, Greenwich. Communicated by J. F. W. Herschel.* 4°. London, 1827.

— *On the principles and construction of the Achromatic Eye-pieces of Telescopes, and on the Achromatism of Microscopes.* 4°. Cambridge, 1825.

— *On the Spherical Aberration of the Eye-pieces of Telescopes.* 4°. Cambridge, 1827.

**Alder, Joshua and Hancock, Albany.** *A Monograph of the British Nudibranchiate Mollusca: with figures of all the species.* 7 Vols. 4°. London, 1845.

(*Ray Society.*)

**Allen, Charles.** *Two hundred tables of elevation above tide-level of the railroad stations, summits and tunnels, canals, locks, dams, &c., in and around Pennsylvania.*

(*Second Geological Survey of Pennsylvania.*) 8°. Harrisburg, 1878.

**Allman, George J.** *A Monograph of the Fresh-water Polyzoa, including all the known species, both British and Foreign.* 4°. London, 1856.

(*Ray Society.*)

— *A Monograph of the Gymnoblasic or Tubularian Hydroids. Parts 1, 2.* 4°. London, 1871-2.

(*Ray Society.*)

- Allman, George J.,** (*cont.*) Report on the Hydroida dredged by H.M.S. "Challenger." Rl 4°. London, 1883-88.  
(Zool. Chall. Exp., Vols. vii., xxiii.)
- Amos, Sheldon.** The Science of Politics. 8°. London, 1883.
- The Science of Law. 8°. London, 1874.
- Andral, G.** A Treatise on Pathological Anatomy. Translated from the French by R. Townsend and W. West. 8°. Dublin, 1829.
- Angelin, Nicholas Petrus.** Iconographia Crinoideorum in Stratis Sueciæ Siluricis Fossilium. Folio. Holmiæ, 1878.
- Annesley, Wm.** The new System of Naval Architecture, as secured to him by His Majesty's Letters Patent. 8°. London, 1818.
- Anstie, F. E.** Stimulants and Narcotics, their mutual relations: with special researches on the action of Alcohol, Æther, and Chloroform on the Vital Organisms. 8°. London, 1864.
- Arago, M.** Memoire sur une modification remarquable qu' éprouvent les rayons lumineux dans leur passage à travers certains corps diaphanes, et sur quelques autres nouveaux phénomés d'optique. 4°. Paris, 1811.
- Arætus, the Cappadocian.** The extant works of. Edited and translated by Francis Adams. 8°. London, 1856.  
(Old Sydenham Society.)
- Ar-razi, Abu Beer Mohammed Ibn Zacariyâ.** (commonly called Rhazes). A treatise on the Small-Pox and Measles. Translated from the original Arabic by W. A. Greenhill. 8°. London, 1848.  
(Old Sydenham Society.)
- Ashburner, C. A.** The Anthracite Coal Region. The Geology of the Panther Creek Basin or Eastern end of the Southern Field. With Maps. 8°. Harrisburg, 1883.  
(Second Geological Survey of Pennsylvania.)



**Attwood, C. G.** Annual Reports of the Boston Board of Trade, from 1863 to 1876.

11 Vols. 8°. Boston, 1863-1876.

**Babbage, Charles.** An Essay on the general principles which regulate the application of Machinery to Manufactures and the Mechanical Arts. 4° London, 1829.

**Babington, B. G.** See **Feuchtersleben, Baron E. von.** The Principles of Medical Psychology.

**Bagehot, Walter.** Physics and Politics, or thoughts on the application of the principles of natural selection and inheritance to Political Society. 8° London, 1876.

**Baily, Francis.** On the new method of determining the Longitude by the culmination of the moon and stars : to which are now added an appendix, and list of stars, applicable to the purpose for the year 1825.

4° London, 1824.

— New Tables for facilitating the computation of precession, aberration and mutation of 2881 principal fixed Stars ; together with a Catalogue of the same to Jan. 1st, 1830, computed under the direction of the Astronomical Society of London, with introduction.

4°. London, 1827.

— On a new method of determining the Latitude of a place by observations of the Pole Star. 8°. London, Nd.

— On a new method of determining the time by means of Altitudes taken near the Prime Vertical.

4°. London, 1824.

— Astronomical Tables and Formulæ, together with a variety of Problems explanatory of their use and application. To which is added the Elements of the Solar System.

8°. London, 1827.

**Bain, Alexander.** Education as a Science. 8°. London, 1883.

— Mind and Body. The Theories of their relation.

8°. London, 1876.

**Baird, W.** The Natural History of the British Entomostraca.  
8°. London, 1850.  
(*Ray Society.*)

**Baker, A. C.** Sailing Directions for the English Channel,  
Vol. ii. North Coast of France and the Channel Islands.  
8°. Washington, 1877.

**Ballard, Robert.** The Solution of the Pyramid Problem;  
or, Pyramid Discoveries, with a new theory as to their  
use. 8°. New York, 1882.

**Barclay.** Constitution of the United States of America  
with the amendments thereto: to which are added  
Jefferson's Manual of Parliamentary Practice and  
Barclay's Digest. 8°. Washington, Nd.

**Barlow, Peter.** New Mathematical Tables, containing the  
factors, squares, cubes, logarithms, &c., of all numbers  
from 1 to 10,000. Tables of Powers and Prime  
Numbers; and an extended Table of Formulæ.  
8°. London, 1814.

— On the Practical Construction of Achromatic Object  
Glasses. 8°. London, Nd.

— On the probable electric origin of all the phenomena  
of Terrestrial Magnetism. 4°. London, 1831.

— On the performance of Fluid Refracting Telescopes,  
and on the applicability of this principle of construction  
to very large instruments. 4°. London, 1830.

— An account of the experiments made on board  
H.M. Ships "Leven," "Conway," and "Griper," for  
correcting the local attraction of those vessels.  
8°. London, 1819.

**Barnard, Major-Gen. J. G.** Report on the North Sea Canal  
of Holland, and on the Improvement of Navigation  
from Rotterdam to the sea. 4°. Washington, 1872.

**Barnes, J. K.** The Medical and Surgical History of the  
War of the Rebellion (1861-65).  
5 Vols. 4°. Washington, 1875.

- Bartlett, J. B.** Description of the West Coast of Africa from Cape Lopez to the Cape of Good Hope. Part 3. 8°. Washington, 1877.
- Barton, G. B.** Literature of New South Wales. 8°. Sydney, 1866.
- The Poets and Prose Writers of New South Wales. Edited by 8°. Sydney, 1866.
- Bastian, H. C.** The Brain as an Organ of Mind. 8°. London, 1882.
- Bate, C. S.** Report on the Crustacea Macrura dredged by H.M.S. "Challenger" during the years 1873-1876. (Zool. Chall. Exp., Vol. xxiv.) Rl. 4°. London, 1888.
- Bazire, P. V.** See **Trousseau, A.** Lectures on Clinical Medicine.
- Beale, L. S.** The Microscope in Medicine. 8°. London, 1878.
- How to work with the Microscope. 8°. London, 1880.
- Beaufoy, Colonel Mark.** Nautical and Hydraulic Experiments, with numerous scientific miscellanies. Vol. i. 4°. London, 1834.
- Beavan, Hugh J. C.** See **Pouchet, Georges.** The Plurality of the Human Race.
- Becker, G. F.** Geology of the Comstock Lode and the Washoe District, with atlas. 4°. Washington, 1882. (United States Geological Survey.)
- A summary of the Geology of the Comstock Lode and the Washoe District. 4°. Washington, 1882. (United States Geological Survey.)
- Beddard, F. E.** Report on the Isopoda collected by H.M.S. "Challenger" in 1873-6, Parts 1 & 2. Rl. 4°. London, 1884-86. (Zool. Chall. Exp., Parts 33 & 43.)
- Begbie, J. W.** Selections from the works of the late. Edited by Dyce Duckworth. 8°. London, 1882. (New Sydenham Society.)
- Bell, Thomas.** The Fossil Crustacea. 4°. London, 1856. (Palaeontographical Society.)



**Bell, Thomas.** (*cont.*) See **Owen and Bell.** Monograph on the Fossil Reptilia of the London Clay.

— **Jacob and Redwood, Theo.** Historical Sketch of the Progress of Pharmacy in Great Britain.

8°. London, 1880.

— Pharmaceutical Journal and Transactions. First Series.

8°. London, 1842-59.

**Beneden, P. J. Van.** Animal Parasites and Messmates.

8°. London, 1876.

**Bennett, Dr. George.** Gatherings of a Naturalist in Australasia: being Observations principally on the Animal and Vegetable Productions of New South Wales, New Zealand, and some of the Austral Islands.

8°. London, 1860.

— **James H.** A Practical Treatise on Inflammation of the Uterus and its appendages, and on ulceration and induration of the neck of the Uterus.

8°. London, 1849.

**Bentham, George.** Flora Australiensis: a description of the Plants of the Australian Territory, by George Bentham, assisted by *Baron Ferdinand von Muller*.

7 Vols. 8°. London, 1863-78.

**Bergh, Dr. R.** Report on the Nudibranchiata dredged by H.M.S. "Challenger" in 1873-6.

(Zool. Chall. Exp., Vol. x., Part 26.)

Bl. 4°. London, 1884.

— Report on the Marseniadiæ collected by H. M. S. "Challenger" in 1873-6.

(Zool. Chall. Exp., Vol. xv., Part 41.)

Bl. 4°. London, 1886.

**Berkeley, Rev. M. J.** See **Cooke, M. C.** Fungi: their nature, influence, and uses.

**Bernays, Lewis Adolphus.** Cultural Industries for Queensland. Papers on the cultivation of useful plants suited to the climate of Queensland, their value as food, in the arts, and in medicine, and methods of obtaining their products. First Series.

8°. Brisbane, 1883.

- Bernstein, Julius.** The Five Senses of Man.  
8°. London, 1876.
- Bernutz, M. Gustave, and Goupil, M. E.** Clinical Memoirs  
on the Diseases of Women.  
(*New Sydenham Society.*) 2 Vols. 8°. London, 1866-7.
- Bessel, F. W.** Untersuchungen über die Länge des einfachen  
Secundenpendels. 4°. Berlin, 1828.
- Versuche über die Kraft mit welcher die Erde Körper  
von verschiedener Beschaffenheit anzieht.  
4°. Berlin, 1832.
- Bevan, B.** A Practical Treatise on the Sliding Rule.  
8°. London, 1822.
- Biedermann, Dr. Rudolf.** Technisch-Chemisches, Jahrbuch  
Herausg. von, 4 Vols. 1881—1885. 8°. Berlin, 1883-6.
- Billroth, Dr. T. H.** Clinical Surgery. Extracts from the  
Reports of Surgical Practice between the years 1860-76.  
Translated and edited with annotations by C. T. Dent.  
(*New Sydenham Society.*) 8°. London, 1881.
- Lectures on Surgical Pathology, and Therapeutics.  
A Handbook for Students and Practitioners.  
(*New Sydenham Society.*) 2 Vols. 8°. London, 1877-8.
- Binet, Alfred and Fere, Charles.** Animal Magnetism.  
8°. London, 1887.
- Binney, E. W.** The Flora of the Carboniferous Strata.  
(*Palaontographical Society.*) 4°. London, 1867.
- Biot, J. B.** *Precis élémentaire de Physique experimentale.*  
2 Vols. 8°. Paris, 1821.
- *Memoire sur la figure de la Terre.*  
4°. Paris, 1827.
- *Memoire sur les Loix generales de la Double Refraction  
et de la Polarisation, dans les corps regulierement  
cristallises* 4°. Paris, Nd.
- *Notice sur les opérations entreprises pour determiner  
la figure de la Terre.* 4°. Paris, Nd.

- Biot, J. B. (cont.)** Mémoire sur les rotations que certaines substances impriment aux axes de polarisation de rayons lumineux. 4°. Paris, 1818.
- Notice sur la continuation des travaux entrepris pour déterminer la figure de la Terre, et sur les résultats des observations du pendule, faites en 1817 aux îles Shetland. 8°. 1819.
- Bishchof, Gustav.** Elements of Chemical and Physical Geology, translated from the manuscript of the Author by B. H. Paul and J. Drummond. 3 Vols. 8°. London, 1854-9.  
(*Cavendish Society.*)
- Blackwall, John.** A History of the Spiders of Great Britain and Ireland. 2 Vols. 4°. London, 1861-4.  
(*Ray Society.*)
- Blake, C. C.** See **Broca, Paul.** On the Phenomena of Hybridity in the Genus Homo.
- Bland, Miles.** Geometrical Problems deducible from the first six books of Euclid, arranged and solved: to which is added an appendix containing the elements of Plane Trigonometry, for the use of the younger Students. 8°. Cambridge, 1827.
- Blaserna, P.** The Theory of Sound in its Relation to Music. 8°. London, 1876.
- Blumenbach, Johann Friedrich.** Anthropological Treatises with Memoirs of B. by Marx and Flourens, and an Account of his Anthropological Museum by R. Wagner; and the Inaugural Dissertation of John Hunter on the Varieties of Man, translated and edited by Thomas Bendyshe. 8°. London, 1865.  
(*Anthropological Society.*)
- Bohnenbergen, J. G. F.** Astronomie. 8°. Tübingen, 1811.
- Bolton, H. C.** A Catalogue of Scientific and Technical Periodicals (1665 to 1882) together with Chronological Tables and a Library check list. 8°. Washington, 1885.  
(*Smithsonian Miscellaneous Collections.*)
- Bonaparte, Prince Roland.** Les Recents Voyages des Néerlandais a la Nouvelle-Guinée. 8°. Versailles, 1885.



- Bonaparte, Prince Roland.** (*cont.*) Les Habitants de Suriname, notes recueillies à l'Exposition Coloniale d'Amsterdam en 1883. Folio. Paris, 1884.
- Bourdon, P. M.** Elémens d'Algèbre. 8°. Paris, 1820.
- Bowen, Emanuel.** A complete system of the Geography of the Known World, shewing the Situation, Extent and Boundaries of the several Empires, Kingdoms &c., and their Climate, Soil, and Produce. 2 Vols. Folio. London, 1747.
- Bowerbank, J. S.** A Monograph of the British Spongiadæ. 3 Vols. 8°. London, 1864-74.
- Brady and Martins.** Catalogue of Surgical, Physical, and Physiological Instruments, Microscopes, Medical Appliances and Sundries, with notes on newly introduced remedies. 8°. Newcastle-upon-Tyne, 1882.
- **H. B.** The Carboniferous and Permian Foraminifera. (the genus *Fusulina* excepted). 4°. London, 1876.  
(*Palæontographical Society.*)
- Report on the Foraminifera dredged by H.M.S. "Challenger" during the years 1873-6. Roy. 4°. London, 1884.  
(*Zool. Chall. Exp., Vol. ix., Part 22.*)
- , **Jones, T. R. and Parker, W. R.** The Crag Foraminifera. Part 1, No. 1. 4°. London, 1865.  
(*Palæontographical Society.*)
- **G. Stewardson.** A Monograph of the free and semi-parasitic Copepoda of the British Islands. 3 Vols. 8°. London, 1878-80.  
(*Ray Society.*)
- Report on the Copepoda collected by H.M.S. "Challenger" during the years 1873-6. Roy. 4°. London, 1883.  
(*Zool. Chall. Exp., Vol. viii., Part 23.*)
- Report on the Ostracoda dredged by H. M. S. "Challenger" during the years 1873-6. Roy. 4°. London, 1884.  
(*Zool. Chall. Exp., Vol. i., Part 3.*)
- **Crosskey, Rev. H. W., and Robertson, D.** A Monograph of the Post-Tertiary Entomostraca of Scotland, including Species from England and Ireland. 4°. London, 1874.  
(*Palæontographical Society.*)



**Brady, G. S., (cont.) Jones, T. R., and Kirby, J. W.** The Carboniferous Entomostraca, Part 1 (Cypridinadæ).

(Palæontographical Society.) 4°. London, 1874.

**Braithwaite, James.** The Retrospect of Medicine: being a half yearly journal containing a retrospective view of every discovery and practical improvement in the Medical Sciences. Edited by:

Vols. 1 to 97. 8°. London, 1840-88.

**Bramsen, William.** The Coins of Japan. Part 1, The Copper, Lead, and Iron Coins issued by the Central Government. 4°. Yokohama, 1880.

— Japanese Chronological Tables, showing the date, according to the Julian or Gregorian Calendar, of the first day of each Japanese month from Tai-kwa 1st year to Mei-ji 6th year. (645 A.D. to 1873 A.D.)

Oblong 8°. Tokio, 1880.

**Bransford, J. F.** Archæological Researches in Nicaragua.

(Smithsonian Contributions to Knowledge.) 4°. Washington, 1881.

**Braun, A.** "Botanical and Physiological Memoirs." I. The Phenomenon of Rejuvenescence in Nature by Dr. A. Braun. II. On the Animal Nature of the Diatomæ by Prof. G. Meneghini. III. An abstract of the Natural History of *Protococcus Pluvialis* by Dr. F. Cohn. Edited by Arthur Henfrey. 8°. London, 1853.

(Ray Society.)

**Bretonneau, Guersant, Trousseau, Bouchut, Empis, and Daviot.** Memoirs on Diphtheria, selected and translated by Robert Hunter Semple, with a Bibliographical Appendix by John Chatto. 8°. London, 1859.

(New Sydenham Society.)

**Brewster, David.** On the Astronomical Circle. An article from the Edinburgh Encyclopædia, conducted by 4°. Edinburgh, Nd.

**Bridet, M.** Etude sur les Ouragans de l' Hémisphere Austral. 8°. Paris, 1878.

**Bright, Dr.** Clinical Memoirs of Abdominal Tumours and Intumescence. Edited by G. H. Barlow.

(New Sydenham Society.)

8°. London, 1860.

- Brinkley, Rev. J.** The quantity of Solar Mutation, as affecting the North Polar distances of the fixed Stars, deduced from observation, and the application of this determination to confirm the conclusions relative to the Parallaxes of certain fixed Stars. 4°. Dublin, 1822.
- A method of computing Astronomical Refractions for objects near the Horizon. 4°. Dublin, 1820.
- A method of correcting the approximate Elements of the Orbit of a Comet, and the application of the same to the observations made at the Observatory of Trinity College, Dublin, on the Comet of July 1819. 4°. Dublin, 1820.
- The results of the computations relative to the Parallax of  $\alpha$  Lyrae, from observations made with the Greenwich Mural Circle. 4°. London, 1824.
- Elements of Captain Hall's Comet. (In a letter addressed to W. H. Wollaston.) 4°. London, 1822.
- The results of Computations on Astronomical Observations made at Parramatta, in New South Wales, under the direction of Sir T. Brisbane, and the application thereof to investigate the exactness of observations made in the Northern Hemisphere. 4°. London, 1825.
- The quantity of the Precession of the Equinoxes, as determined by certain Stars that appear to have no proper motion: with an appendix. 4°. Dublin, 1827.
- Brisbane, Sir Thomas.** Method of determining the Latitude by a Sextant or Circle, with simplicity and accuracy, from Circummeridian Observations taken near noon. 4°. Edinburgh, 1821.
- Broca, Dr. Paul.** On the Phenomena of Hybridity in the Genus Homo. Edited by C. Carter Blake. 8°. London, 1864.  
(*Anthropological Society.*)
- Brooks, W. K.** The Development and Protection of the Oyster in Maryland. 4°. Baltimore, 1884.
- Report on the Stomatopoda collected by H.M.S. "Challenger" during the years 1873-6. Roy. 4°. London, 1886.  
(*Zool. Chall. Exp., Vol. xvi., Part 45.*)

- Broun, John Allan.** Observations of Magnetic Declination made at Trevandrum and Aguotia Malley in the Observatories of His Highness the Maharajah of Travancore in the years 1852 to 1869 being Trevandrum Magnetical Observations, Vol. 1. 4°. London, 1874.
- Brousseau, M. et Nicolle, M.** Mémoire sur la mesure d'un Arc du Parallèle moyen entre le Pole et l'équateur. 8°. 1825.
- Brown, J. E.** A practical treatise on Tree Culture in South Australia. 8°. Adelaide, 1881.
- The Forest Flora of South Australia. Parts 1 to 8. Folio. Adelaide, Nd.
- , **Robert.** The Miscellaneous Botanical Works of Robert Brown. 2 Vols. 8°. London, 1866-67.  
(Ray Society.)
- Atlas of Plates. 4°. London, 1868.  
(Ray Society.)
- Brush, George.** See **Dana, J. D.** A system of Mineralogy.
- Buchanan, J. Y.** Report on the Scientific Gravity of samples of Ocean Water, observed on board H.M.S. "Challenger" during the years 1873-6. Roy. 4°. London, 1884.  
(Phys. and Chem., Chall. Exp., Vol. i.)
- **Tizard, T. H., Mosley, Prof. H. N., and Murray, John.** Narrative of the Cruise of H.M.S. "Challenger" with a general account of the Scientific Results of the expedition. 2 Vols. in 3. Roy. 4°. London, 1882-5.
- Buckler, William.** The Larvæ of the British Butterflies and Moths. Edited by H. F. Stainton. 2 Vols. 8°. London, 1885-7.  
(Ray Society.)
- Buckman, S. S.** The Inferior Oolite Ammonites. 4°. London, 1886.  
(Palæontographical Society.)
- Buckton, George B.** A Monograph of the British Aphides. 4 Vols. 8°. London, 1876-82.  
(Ray Society.)
- Burchard, H. C. and Kimball, J. P.** Reports of the Director of the Mint upon the production of the precious Metals in the United States 1880-86. 7 Vols. 8°. Washington, 1881-7.



**Burgess, Edward.** The Spiders of the United States. See **Hentz**.

**Burmeister, Hermann.** The Organization of Trilobites, deduced from their living affinities; with a Systematic Review of the Species hitherto described. Edited from the German by Thomas Bell and Edward Forbes.  
4°. London, 1846.  
(Ray Society.)

**Busk, George.** Catalogue of Marine Polyzoa in the collection of the British Museum.  
3 Vols. in 2. 8°. London, 1852-75.

— See **Wedl, Carl.** Rudiments of Pathological Histology.

— Report on the Polyzoa collected by H.M.S. "Challenger" during the years 1873-6, Parts 1 & 2.  
Roy. 4°. London, 1884-86.  
(Zool. Chall. Exp., Parts 30 & 50.)

— The Polyzoa of the Crag.  
4°. London, 1857.  
(Palæontographical Society.)

**Cagnoli, A.** Memoir on a new and certain method of ascertaining the figure of the Earth by means of occultations of the fixed Stars.  
8°. London, 1819.

**Callet, François.** Tables Portatives de Logarithmes, contenant les Logarithmes des Nombres depuis 1 jusqu'à 108000.  
8°. Paris, 1795.

**Cameron, C. A., and Johnston, J. F. W.** Elements of Agricultural Chemistry and Geology.  
8°. London, 1878.

— **Peter.** A Monograph of the British Phytophagous Hymenoptera.  
2 Vols. 8°. London, 1882-5.  
(Ray Society.)

**Campbell, Rev. Joseph.** The Amateur Photographer's Primer.  
8°. Sydney, 1884.

— Simple Tests for Minerals, or every man his own Analyst.  
8°. Sydney, 1885.

**Candolle, Alphonse de.** Origin of Cultivated Plants.  
8°. London, 1884.



**Caperton, Allen T.** Memorial Address on the Life and Character of; delivered in the Senate and Houses of Representatives, Dec. 21 and 22, 1876.

8°. Washington, 1877.

**Carlini, Francesco.** Osservazioni della Lunghezza del Pendolo Semplice fatte all' altezza di Mille tese sul livello del Mare.

8°. Milano, 1823.

— Tavole pel calcolo delle Altezze Barometriche.

8°. Milano, 1823.

**Carll, John F.** The Geology of the Oil Regions of Warren County &c., and descriptions of Oil Well Rig and Tools. 2 Vols. with Maps. 8°. Harrisburg, 1880.

(Second Geological Survey of Pennsylvania.)

**Carmichael, James.** Account of a new and commodious method of regulating the movements of Steam Vessels.

8°. Dundee, 1825.

**Carpenter, P. Herbert.** Report on the Crinoidea collected during the voyage of H.M.S. "Challenger," during the years 1873-76.

Roy. 4°. London, 1884-88.

(Zool. Chall. Exp., Parts 32 and 60.)

— The Comatulæ of the "Willem Barents" Expeditions 1880-4.

4°. Amsterdam, 1886.

— *William B.* Report on the specimens of the Genus Orbitolites collected by H.M.S. "Challenger" during the years 1873-76.

Roy. 4°. London, 1883.

(Zool. Chall. Exp., Vol. vii., Part 21.)

— The Microscope and its Revelations. Fifth Edition.

8°. London, 1875.

—, **Parker, W. K., and Jones, T. R.** Introduction to the Study of the Foraminifera. 2 Vols. 4°. London, 1862.

(Ray Society.)

**Carruthers, W. and others.** The Annals and Magazine of Natural History including Zoology, Botany, and Geology.

8°. London, 1798-1887.

**Casper, J. L.** A Handbook of the Practice of Forensic Medicine, based upon personal experience.

4 Vols. 8°. London, 1861-5.

(New Sydenham Society.)

**Cassell.** A French and English Dictionary, compiled from the best authorities of both languages by Professors De Lolme and Wallace and Henry Bridgeman.

8°. London, Nd.

— German Pronouncing Dictionary, in two parts:—  
German—English and English—German.

8°. London, Nd.

**Cassino, Samuel E.** The International Scientist's Directory. Containing the names, addresses, special departments of study &c., of Amateur and Professional Naturalists, Chemists, Physicists, Astronomers &c., in America, Europe, Asia, Africa, and Oceanica for the years 1881, 2, 3, 5, 8. 4 Vols. 8°. Boston, 1882-8.

**Castracane, Conte Abate Francesco.** Report on the Diatomaceæ collected by H.M.S. "Challenger" during the years 1873-76. Roy. 4°. London, 1886.

(Botany, Chall. Exp., Vol. II., Part 4.)

**Caswell, Alexis.** Results of Meteorological Observations made at Providence, R.I., extending over a period of forty-five years, from 1831 to 1876.

(Smithsonian Contributions to Knowledge.)

4°. Washington, 1882.

**Cavanna, G., and Papasogli, G.** Rassegna Semestrale delle Scienze Fisico-Naturali in Italia.

Vols. 1 to 8 (in 2) 8°. Firenze, 1875-8.

**Cavendish, Hon. Henry.** The Life of the, including abstracts of his more important Scientific Papers and a critical inquiry into the claims of all the alleged discoverers of the Composition of Water, by George Wilson.

(Cavendish Society.)

8°. London, 1851.

**Chamberlin, T. C.** The requisite and qualifying conditions of Artesian Wells.

4°. Washington, 1885.

(United States Geological Survey.)

— Preliminary Paper on the Terminal Moraine of the Second Glacial Epoch.

4°. Washington, 1883.

(United States Geological Survey.)

—, and **Salisbury, R. D.** Preliminary Paper on the Driftless Area of the Upper Mississippi Valley.

4°. Washington, 1885.

(United States Geological Survey.)

- Chambers, E.** *Cyclopædia: or an Universal Dictionary of Arts and Sciences.* With the supplement and modern improvements incorporated in one Alphabet by Abraham Rees. 4 Vols. Folio London, 1786.
- *George F.* *A Handbook of Descriptive Astronomy.* Third Edition. 8°. London, 1877.
- Chance, H. M.** *Report on the Mining Methods and Appliances used in the Anthracite Coal Fields, with Atlas.* (Second Geological Survey of Pennsylvania.) 8°. Harrisburg, 1883.
- Chapman, Ernest T., and Wanklyn, J. Alfred.** *Water-Analysis: a practical treatise on the Examination of Potable Water.* Third Edition. 8°. London, 1874.
- Charcot, J. M.** *Clinical Lectures on Senile and Chronic Diseases.* Translated by W. S. Tuke. (New Sydenham Society.) 8°, London, 1881.
- *Lectures on the Diseases of the Nervous System, delivered at La Salpêtrière.* Translated by G. Sigerson. (New Sydenham Society.) 2 Vols. 8°. London, 1877-81.
- *Lectures on the Localisation of Cerebral and Spinal Diseases, delivered at the Faculty of Medicine of Paris.* Translated and edited by Walter Baugh Hadden. (New Sydenham Society.) 8°. London, 1883.
- Chase, H. H.** *Habirshaw's Catalogue of the Diatomacæ.* 4° Geneva, N.Y., 1885.
- Chelius, J. M.** *A System of Surgery.* Translated from the German with additional notes by John F. South. 2 Vols. 8°. London, 1847.
- Cheyne, W. W.** *Recent Essays by various Authors on Bacteria in Relation to Disease.* Selected and edited by . . . 8°. London, 1886. (New Sydenham Society.)
- Christie, Samuel H.** *On the Laws of the Deviation of Magnetized Needles towards Iron.* 4°. London, 1828.



- Churchill, Fleetwood.** Essays on the Puerperal Fever and other diseases peculiar to Women. Selected from the writings of British Authors previous to the close of the eighteenth century. Edited by — 8°. London, 1849.  
(*Old Sydenham Society.*)
- Clark, John H., and others.** Astronomy and Barometric Hypsometry. 4°. Washington, 1877.  
(*United States Geographical Surveys.*)
- Clarke, Rev. W. B.** Mines and Mineral Statistics of N.S.W. also Remarks on the Sedimentary Formations of N. S. Wales by the Rev. W. B. Clarke, and Notes on the Iron and Coal Deposits, Wallerawang, and on the Diamond Fields by Professor Liversidge. 8° Sydney, 1875.
- Remarks on the Sedimentary Formations of New South Wales. Illustrated by references to other provinces of Australasia. Fourth Edition. 8°. Sydney, 1878.
- Claypole, E. W.** A Preliminary Report on the Palæontology of Perry County, describing the Order and Thickness of its Formations and its Folded and Faulted Structure. 8°. Harrisburg, 1885.  
(*Second Geological Survey of Pennsylvania.*)
- Clifford, William Kingdon.** The Common Sense of the Exact Sciences. 8°. London, 1885.
- Cohn, Ferdinand.** “Botanical and Physiological Memoirs.” An Abstract of the Natural History of *Protococcus Pluvialis*. 8°. London, 1853.  
(*Ray Society.*)
- Colles, Abraham.** Selections from the Works of, consisting chiefly of his practical observations on the Venereal Disease, and on the use of Mercury. Edited, with annotations by R. McDonnell. 8°. London, 1881.  
(*New Sydenham Society.*)
- Collingwood, J. Frederick.** See **Waitz, Theodor.** Introduction to Anthropology.
- Comstock, Lieut. Col. C. B.** Report upon the Primary Triangulation of the United States Lake Survey. 4°. Washington, 1882.  
(*Professional Papers Corps of Engineers, U.S.A.*)



**Conolly, John, and Forbes, John.** The British and Foreign Medical Review or Quarterly Journal of Practical Medicine and Surgery. 8°. London, 1836-43.

**Cooke, Josiah P. (Junior).** The New Chemistry. 8°. London, 1876.

—, *M. C.* Fungi: Their nature, influence and uses. Edited by the Rev. M. J. Berkeley. (2 Copies.) 8°. London, 1875.

**Cooper, J. G.** U.S.A. Railway Survey from the Mississippi River to the Pacific Ocean. (Vol. xii., pt. 2.) 1. Report upon the Botany of the Route. 3. Catalogue of Plants collected in Washington Territory. 4°. Washington, 1855-60.

— U.S.A. Railway Survey from the Mississippi River to the Pacific Ocean. (Vol. xii., part. 3.) No. 2. Report upon the Mammals collected on the Survey, by J. G. Cooper, G. Suckley, and G. Gibbs. No. 3. Report upon the Birds collected on the Survey, by J. G. Cooper and G. Suckley. No. 4. Report upon the Reptiles collected on the Survey. No. 7. Report upon the Crustacea collected on the Survey. 4°. Washington, 1855-60.

—, *Thompson.* Men of the Time: a dictionary of contemporaries, containing biographical notices of eminent characters of both sexes, revised and brought down to the present time. 8°. London, 1879.

—, *William.* U.S.A. Railway Survey from the Mississippi River to the Pacific Ocean. Report upon the Mollusca collected on the Survey. 4°. Washington, 1855.

**Cope, Edward D.** On the Contents of a Bone Cave in the Island of Anguilla, West Indies. 4°. Washington, 1883.  
(*Smithsonian Contributions to Knowledge.*)

—, *and others.* Reports upon the Zoological Collections obtained from portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona in 1871-4. 4°. Washington, 1875.  
(*United States Geological Surveys, Vol. v.*)

- Cormack, John Rose.** The London and Edinburgh Monthly Journal of Medical Science. Edited by  
8 Vols. 8°. London, 1841-49.
- Coues, Elliott.** Birds of the Colorado Valley, a repository of Scientific and Popular Information concerning North American Ornithology. 8°. Washington, 1878.  
(U. S. Geolog. Survey of Territ. Misc. Pub. No. xi.)
- **Fur Bearing Animals: A Monograph of North American Mustelidæ.** 8°. Washington, 1877.  
(U. S. Geolog. Survey of Territ. Misc. Pub. No. viii.)
- , and **Allen, J. A.** Monographs of North American Rodentia. 4°. Washington, 1877.  
(U. S. Geolog. Survey of Territ. Vol. xi.)
- Cox, E. T.** Reports of the Geological Survey of Indiana made during the years 1870-4.  
3 Vols. 8°. Indianapolis, 1871-5.
- Crichton, Sir A.** On the Climate of the Antediluvian World and its Independence of Solar Influence, and on the Formation of Granite. 8°. London, 1825.
- Crisp, Frank, and Lawson, H.** Journal of the Royal Microscopical Society: containing its Transactions and Proceedings and a summary of current researches relating to Zoology and Botany.  
27 Vols. 8°. London, 1869-86.
- Crookes, William.** A Handbook of Chemical Technology by Rudolf Wagner. Translated and edited with extensive additions by  
8°. London, 1878.
- , and **Rhorig, Ernest.** A Practical Treatise on Metallurgy, adapted from the last German edition of Professor Kerl's Metallurgy, containing Lead, Silver, Gold, Copper, Iron, Fuel &c. 3 Vols. 8°. London, 1868-70.
- , and **Samuelson, James.** See Quarterly Journal of Science.
- The Chemical News: with which is incorporated the Chemical Gazette: A Journal of Practical Chemistry in all its applications to Pharmacy, Arts and Manufactures. Edited by  
28 Vols. 8°. London, 1860-87.

- Crosse, Andrew.** Memorials, Scientific and Literary of Andrew Crosse the Electrician. 8°. London, 1857.
- Crosskey, Rev. H. W., Brady, G. S., and Robertson, D.** The Post-Tertiary Entomostraca. 4°. London, 1874.  
(*Paleontographical Society.*)
- Cruls, L.** Annales de L' Observatoire Impérial de Rio de Janeiro publié par, Tome deuxième Observations et Mémoires, 1882. 4°. Rio de Janeiro, 1883.
- Cullen, William.** The Works of, containing his Physiology, Nosology, and First Lines of the Practice of Physic : with numerous extracts from his manuscript papers and from his treatise of Materia Medica. Edited by John Thomson. 2 Vols. 8°. Edinburgh, 1827.
- First series of the Practice of Physic by William Cullen, M.D., including the Definitions of the Nosology: with Supplementary Notes by Peter Reid, M.D. 2 Vols. 8°. Edinburgh, 1810.
- Cunningham, D. J.** Report on some points in the Anatomy of the Thylacine, Cusens and Phascogale, collected by H.M.S. "Challenger" during the years 1873-76 ; with an account of the Comparative Anatomy of the Intrinsic Muscles and Nerves of the Mammalian Pes. (Zool., Chall. Exp., Vol. v., Part 16.) Roy. 4°. London, 1882.
- Curtis, Joseph S.** Abstract of Report on the Mining Geology of the Eureka District, Nevada. 4°. Washington, 1884.  
(*U.S. Geolog. Survey, 4th Rep.*)
- The Quantitative Determination of Silver by means of the Microscope. 4°. Washington, 1885.  
(*U.S. Geolog. Survey, 6th Rep.*)
- Silver Lead Deposits of Enreka, Nevada. 4°. Washington, 1884.  
(*U.S. Geolog. Survey, Monograph 7.*)
- , *W* Curtis's Botanical Magazine, comprising the Plants of the Royal Gardens at Kew, and of other Botanical Establishments of Great Britain, with suitable descriptions by Sir Joseph D. Hooker. First Series, Vol. 1-34, 8°. London, 1787-1811. Third Series, Vols. 35-43. 8°. London, 1879-87.



**Cuvier, G.** Lectures on Comparative Anatomy. Translated from the French by William Ross, under the inspection of James Macartney. 2 Vols. 8°. London, 1802.

**Cyrrillus,** Opus insigne beati partis Cyrilli patriarche Alexandrini in euāgelium Ioannis Georgio Trapezontio traductū. 4°. Paris, 1508.

**Czermak, J. N.** On the Practical uses of the Laryngoscope. 8°. London, 1861.  
(*New Sydenham Society.*)

**Dalby, Isaac, and Mudge, Capt. W.** An account of the operations carried on for accomplishing a Trigonometrical Survey of England and Wales; from the commencement in 1784 to 1796. Begun under the Direction of the Royal Society and continued by order of the Hon. Board of Ordnance. 2 Vols. in 1. 4°. London, 1799.

——. **and Williams, Lieut. Col. Edward.** An account of the Trigonometrical Survey carried on in the years 1791-4 by order of His Grace the Duke of Richmond. 4°. London, Nd.

**Daldy, Dr., and Wilks, Dr.** A collection of the published writings of the late Thomas Addison, M.D. Edited with introductory prefaces to several of the papers. 8°. London, 1868.  
(*New Sydenham Society.*)

**Dall, W. H.** On the Remains of Later Pre-Historic Man obtained from Caves in the Catherina Archipelago, Alaska Territory, and especially from the Aleutian Islands. 4°. Washington, 1878.  
(*Smithsonian Contributions to Knowledge, Vol. xxii.*)

**Dallas, W. S., and others.** The Annals and Magazine of Natural History, including Zoology, Botany and Geology. 99 Vols. 8°. London, 1838-87.

——. The Popular Science Review. A Quarterly Miscellany of Entertaining and Instructive Articles on Scientific Subjects. 20 Vols. 8°. London, 1862-81.

**Dalton, John.** Life of. See **Henry, W. C.**



- Dana, Edward S.** Third Appendix to the Fifth Edition of Dana's Mineralogy. Completing the Work to 1882. 8°. New York, 1883.
- , **James D.** Manual of Geology: treating of the principles of the Science with special reference to American Geological History. 8°. New York, Nd.
- A System of Mineralogy. Descriptive Mineralogy, comprising the most recent discoveries. By James Dwight Dana, aided by George J. Brush. Fifth Edition. 8°. London and New York, 1875.
- , **Silliman, B., and Dana, E. S.** The American Journal of Science and Arts. Third Series. Vols. 11 to 34. 8°. New Haven, 1876-87.
- , **Samuel L.** Lead Diseases: A Treatise from the French of L. Tanquerel Des Planches, with Notes and Additions on the use of Lead Pipe and its Substitutes. 8°. Lowell, 1848.
- Daniel, J. F.** On a new Register-Pyrometer for Measuring the Expansion of Solids. 4°. London, 1830.
- Danielssen, D. C., and Koren, Johan.** Bergens Museum. Nye Aleyonider, Gorgonider og Pennatulider tilhorende Norges Fauna. Folio. Bergen, 1883.
- Darwin, Charles.** A Monograph on the sub-class Cirripedia, with Figures of all the Species. The Lepadidæ or Pedunculated Cirripedes. 8°. London, 1851.  
(Ray Society.)
- A Monograph on the sub-class Cirripedia, with Figures of all the Species. The Balanidæ (or Sessile Cirripedes), the Verrucidæ, &c. 8°. London, 1851.  
(Ray Society.)
- A Monograph on the Fossil Balanidæ and Verrucidæ of Great Britain. 4°. London, 1854.  
(Palæontographical Society.)
- A Monograph on the Fossil Lepadidæ, or Pedunculated Cirripedes of Great Britain. 4°. London, 1851.  
(Palæontographical Society.)

- Darwin, Charles.** (*cont.*) The Origin of Species by means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life. Sixth Edition. 8°. London, 1878.
- The Variation of Animals and Plants under Domestication. Second Edition. 2 Vols. 8°. London, 1875.
- Insectivorous Plants. 8°. London, 1875.
- The Power of Movement in Plants, by Charles Darwin assisted by Francis Darwin. 8°. London, 1882.
- The Different Forms of Flowers on Plants of the same Species. Second Edition. 8°. London, 1880.
- The Formation of Vegetable Mould through the Action of Worms, with Observations on their Habits. 8°. London, 1883.
- The Expression of the Emotions in Man and Animals. 8°. London, 1872.
- The Various Contrivances by which Orchids are fertilised by Insects. Second Edition. 8°. London, 1882.
- The Effects of Cross and Self Fertilisation in the Vegetable Kingdom. 8°. London, 1876.
- Journal of Researches into the Natural History and Geology of the Countries visited during the voyage of H. M. S. "Beagle" round the World, under the Command of Capt. Fitz Roy. Second Edition. 8°. London, 1845.
- Journal of Researches into the Geology and Natural History of the Various Countries visited by H.M.S. "Beagle" under the Command of Capt. Fitzroy, R.N., from 1832 to 1836. 8°. London, 1839.
- Narrative of the Surveying Voyages of H. M. S. "Adventure" and "Beagle," between the years 1826 and 1836, describing their examination of the Southern Shores of America, and the "Beagle's" Circumnavigation of the Globe. 3 Vols. 8°. London, 1839.

- Darwin, Charles.** (*cont.*) The Descent of Man, and Selection in relation to Sex. Second Edition.  
8°. London, 1877.
- The Movements and Habits of Climbing Plants.  
8°. London, 1876.
- Davidson, Thomas.** Report on the Brachiopoda dredged by H.M.S. "Challenger" during the years 1873-6.  
(Zool., Chall. Exp., Vol. i., No. 1.) 4°. London, 1880.
- A Monograph of British Fossil Brachiopoda. Vols. 1 to 6, complete. 4°. London, 1851-86.  
(Palaeontographical Society.)
- Davis, C. H., Norris, J. A., and Laird, Charles.** Telegraph Determination of Longitudes in Mexico and Central America and on the West Coast of South America with the Latitudes of the several Sea-Coast Stations.  
(Hydrographic Office, U.S. Navy.) 4°. Washington, 1885.
- Dawkins, W. Boyd.** Cave Hunting, Researches on the Evidence of Caves respecting the Early Inhabitants of Europe. 8°. London, 1874.
- , and **Sandford, W. A.** The British Pleistocene Mammalia. Parts 1 to 6. 4°. London, 1866-87.  
(Palaeontographical Society.)
- Dawson, Sir J. William.** The Geological History of Plants. 8°. London, 1888.
- Day, G. E.** Animal Chemistry, with reference to the Physiology and Pathology of Man by Dr. J. Franz Simon. Translated and edited by.—  
(Sydenham Society.) 2 Vols. 8°. London, 1845-6.
- Delafield, R.** Report on the Art of War in Europe in 1854-56. 4°. Washington, 1860.  
(U.S. War Department.)
- Delambre, M.** Notice Nécrologique sur M. Delambre, par Baron Charles Dupin. 8°. Paris, 1822.
- De La Rive, Aug.** Recherches sur le mode de distribution de l'Electricité dynamique dans les corps qui lui servent de conducteurs. 4°. Genève, 1825.



**De La Rive, Aug.** Mémoire sur quelques-uns des phénomènes que présente l'électricité voltaïque dans son passage à travers les conducteurs liquides. 8°. Geneve, 1825

**Dendy, Arthur, and Ridley, Stuart O.** Report on the Monaxonida collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1887.

(Zool., Chall. Exp., Part 59.)

**Dent, C. T.** Clinical Surgery. Extracts from the Reports of Surgical Practice between the years 1860-1876, by Dr. Th. Billroth. Translated from the original and edited, with annotations. 8°. London, 1861.

(New Sydenham Society.)

**Derham, Dr.** Life of John Ray. 8°. London, 1846.

(Ray Society.)

**Diday, P.** A Treatise on Syphilis in New-Born Children and Infants at the Breast. Translated by G. Whitley. 8°. London, 1859.

(New Sydenham Society.)

**Dingler's Polytechnisches Journal.** Herausg. von Johann Zeman und Dr. Ferdinand Fischer. Band 219—266. 8°. Angsburg, Stuttgart, 1876-87.

[The Polytechnisches Journal was founded in April, 1820, by J. G. Dingler. From 1831 to 1855 it was edited by himself and his son, E. M. Dingler. From 1855 to 1874 it was edited by the latter alone, when he was succeeded by Zeman and Fischer.]

**Dittmar, William.** Report on Researches into the Composition of Ocean-Water, collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1884.

(Phys. Chem., Chall. Exp., Part 1.)

**Dollond, G.** The Description of a Repeating Circle upon a new construction. 4°. London, 1821.

**Donders, F. C.** On the Anomalies of Accommodation and Refraction of the Eye. With a preliminary essay on Physiological Dioptries. 8°. London, 1864.

(New Sydenham Society.)

**Douglas, John William, and Scott, John.** The British Hemiptera. Vol. 1. Hemiptera—Heteroptera. 8°. London, 1865.

(Ray Society.)

**Doyle, Andrew.** Poor Laws in Foreign Countries.—Reports communicated to the Local Government Board, by H.M. Secretary of State for Foreign Affairs; with introductory remarks by.— 8°. London, 1875.

**Draper, John W.** History of the Conflict between Religion and Science. 8°. London, 1877.

**Duchenne, Dr.** Selections from the Clinical works of.— Translated, edited, and condensed by G. V. Poore, M.D. 8°. London, 1883.  
(*New Sydenham Society.*)

**Duckworth, Dyce.** Selections from the Works of the late J. Warburton Begbie, M.D. Edited by.— 8°. London, 1882.  
(*New Sydenham Society.*)

**Duncan, P. Martin.** A Monograph of the British Fossil Corals, Second Series, Parts 1—3. 4°. London, 1866-72.  
(*Paleontographical Society.*)

**Dunlop, James.** Approximate Places of Double Stars in the Southern Hemisphere, observed at Parramatta in New South Wales. (In a letter addressed to Sir T. M. Brisbane). 4°. London, 1828.

— A Catalogue of Nebulae and Clusters of Stars in the Southern Hemisphere, observed at Parramatta in New South Wales. 4°. London, 1828.

**Dupin, Baron Charles.** Mémoire descriptif de plusieurs machines, à l'usage de la marine, construites à Rochefort d'après les projets de M. Hubert. 4°. Paris, nd.

— Influence des Sciences sur l'Humanité des Peuples, discours prononcé dans la séance publique des quatre Académies [de l'Institut] le 24 Avril, 1819. 8°. Paris, 1819.

— Voyages de, dans la Grande-Bretagne. Architecture Hydraulique. Rapport de l'Institut de France. 8°. Paris, 1818.

— Travaux Théoriques et Pratiques. 8°. [Paris] nd.

**Dupuytren, Baron.** On Lesions of the Vascular System, Diseases of the Rectum, and other Surgical Complaints, being selections from the Collected Edition of the Clinical Lectures of Baron Dupuytren. Translated and edited by F. le Gros Clark. 8°. London, 1854.

(Sydenham Society.)

— On the Injuries and Diseases of Bones. Being Selections from the Collected Edition of the Clinical Lectures of Baron Dupuytren. Translated and edited by F. le Gros Clark. 8°. London, 1847.

(Sydenham Society.)

**Dusch, Th. von.** On Thrombosis of the Cerebral Sinuses. 8°. London, 1861.

(New Sydenham Society.)

**Dutton, Clarence E.** Mount Taylor and the Zuni Plateau. 4°. Washington, 1885.

(U.S. Geological Survey, 6th Rep.)

— The Physical Geology of the Grand Canon district. 4°. Washington, 1882.

(U.S. Geological Survey, 2nd Rep.)

— Tertiary History of the Grand Canon district with Folio Atlas. 4°. Washington, 1882.

(U.S. Geological Survey, Monograph 2.)

— Hawaiian Volcanoes. 4°. Washington, 1884.

(U.S. Geological Survey, 4th Rep.)

**Eden, The Rt. Hon. William.** The History of New Holland, from its First Discovery in 1616, to the Present Time. With a particular account of its Produce and Inhabitants and a Description of Botany Bay. Also a Discourse on Banishment. 8°. London, 1787.

**Edwards, H. Milne and Haime, Jules.** A Monograph of the British Fossil Corals. Parts 1—5 complete. 4°. London, 1850-4.

(Palaeontographical Society.)

**Edwards, H. E.** A Monograph of the Eocene Mollusca, or Descriptions of Shells from the Older Tertiaries of England. Parts 1—4 complete. 4°. London, 1849-58.

(Palaeontographical Society.)

**Egarof, P.** Chemistry. (In Russian.) 8°. St. Petersburg, 1857.



**Ellery, Robert L. J.** (Melbourne Observatory.) *Astronomical Observations made at the Williamstown Observatory in the years 1861-80.*

Vols. 1 to 6. 8°. Melbourne, 1869-84.

— *Observations of the Southern Nebulæ made with the Great Melbourne Telescope from 1869 to 1885. Part 1. Folio Melbourne, 1885.*

**Elliott, Daniel Giraud.** *List of Described Species of Humming Birds.* 8°. Washington, 1879.

(*Smithsonian Miscellaneous Collections, Vol. xvi.*)

**Emerton, James H.** *The Spiders of the United States. A collection of the Arachnological writings of N. M. Hentz; edited by E. Burgess, with notes and descriptions by.*

(*Occasional Papers of the Boston Society of Natural History, ii.*) 8°. Boston, 1875.

**Emmons, S. F.** *Abstract of Report on Geology and Mining Industry of Leadville, Lake County, Colorado.*

(*U.S. Geological Survey, 2nd Rep.*) 4°. Washington, 1882.

**Erichson, John E.** *Observations on Aneurism selected from the works of the Principal Writers on that disease from the earliest periods to the close of the last century.*

(*Sydenham Society.*) 8°. London, 1861.

**Esmarch, Fr.** *On the Uses of Cold in Surgical Practice.*

(*New Sydenham Society.*) 8°. London, 1861.

**Etheridge, Robert, and Seeley, Harry Govier.** *Manual of Geology Theoretical and Practical, by John Phillips. Part 1, Physical Geology and Palæontology, edited by H. G. Seeley; and Part 2, Stratigraphical Geology and Palæontology, edited by Robert Etheridge.*

2 Vols. 8°. London, 1885.

**Etheridge, Robert, Junr., and Jack, Robert Logan.** *A Catalogue of Works, Papers, Reports, and Maps on the Geology, Palæontology, Mineralogy, &c., &c., of the Australian Continent and Tasmania.*

4° Sydney, 1882.  
(*Department of Mines, Sydney.*)

**Ettingshausen, Constantin Baron von, and Gardner, J. S.** *A Monograph of the British Eocene Flora. Parts 1-3 complete.*

4°. London, 1879-82.  
(*Palæontographical Society.*)

**Evans, Sir Frederick.** Memorandum on the Magnetical Observations made during the Voyage of H. M. S. "Challenger," 1872-76. 4°. London, 1882.

(Narrat., Chall. Exp., Vol. 2.)

**Evans, John.** The Ancient Stone Implements, Weapons, and Ornaments, of Great Britain. 8°. London, 1872.

**Fagge, C. Hilton, and others.** On Diseases of the Skin including the Exanthemata by Ferdinand Hebra and Moriz Kaposi. Translated and edited by.—

(New Sydenham Society.)

5 Vols. London, 1866-80.

**Falconer, Hugh.** Palæontological Memoirs and Notes of the late Hugh Falconer, A.M., M.D., with a Biographical Sketch of the Author, compiled and edited by Charles Murchison.

2 Vols. 8°. London, 1868.

**Faraday, Michael.** Faraday as a Discoverer. See Tyndall, John.

**Farish, William.** A Plan of a Course of Lectures on Arts and Manufactures, more particularly such as relate to Chemistry.

8°. Cambridge, 1821.

**Ferc, Charles, and Binet, Alfred.** Animal Magnetism.

8°. London, 1887.

**Ferguson, Robert.** Gooch on some of the Most Important Diseases peculiar to Women; with other papers. Prefatory Essay by.—

8°. London, 1859.

(New Sydenham Society.)

**Feuchtersleben, Baron E. Von.** The Principles of Medical Psychology being the Outlines of a course of Lectures. Translated by H. E. Lloyd, and revised and edited by B. G. Babington.

8°. London, 1847.

(Sydenham Society.)

**Fitton, William Henry.** A Geological Sketch of the Vicinity of Hastings. 12°. London, 1833.

**Fitzroy, (Admiral) Robert.** Narrative of the Surveying Voyages of His Majesty's Ships "Adventure" and "Beagle" between the years 1826 and 1836, describing their examination of the Southern Shores of South America and the "Beagle's" Circumnavigation of the Globe. 3 Vols. 8°. London, 1839.

Vol. 1. First Expedition, 1826-30, under the command of Captain P. Parker King.  
 " 2. Second Expedition, 1831-36, under the command of Captain Fitzroy.  
 " 3. Journal and Remarks, 1832-1839, by Charles Darwin.

— — — Appendix to Volume 2. 8°. London, 1839.

**Fitzgerald, R. D.** Australian Orchids. Parts 1—4. Folio, Sydney, nd.

**Flagler, (Major) D. W.** A History of the Rock Island Arsenal from 1863 to 1876, and of the Island of Rock Island, the site of the Arsenal from 1804 to 1863. 4°. Washington, 1877.

**Flammarion, Camille.** The Atmosphere. Translated from the French of C. Flammarion. Edited by James Glaisher. 8°. London, 1873.

**Fletcher, Robert.** On Prehistoric Trephining and Cranial Amulets. 4°. Washington, 1882.  
 (U.S. Surveys of the Rocky Mountains.)

**Fletcher, W. J.** An Index to Periodical Literature by W. F. Poole. Third edition brought down to January 1882, with the assistance of.— 4°. Boston, 1882.

**Flower, William Henry.** Recent Memoirs on the Cetacea by Professors Eschricht, Reinhardt and Lilljeborg. Edited by.— 4°. London, 1866.  
 (Ray Society.)

**Fontaine, William Morris.** Contributions to the Knowledge of the Older Mesozoic Flora of Virginia. 4°. Washington, 1883.  
 (U.S. Geological Survey, Monograph 6.)

—, and **White, I. C.** The Permian or Upper Carboniferous Flora of West Virginia and S. W. Pennsylvania. 8°. Harrisburg, 1880.  
 (Second Geological Survey of Pennsylvania.)

**Forbes, Edward.** On the Tertiary Fluvio-Marine Formation of the Isle of Wight. 8°. London, 1856.  
 (Memoirs, Geological Survey of Gt. Brit.)



- Forbes, Edward** (*cont.*) A Monograph of the British Naked-eyed Medusæ, with figures of all the Species.  
(*Ray Society.*) 4°. London, 1848.
- Monograph of the Echinodermata of the British Tertiaries.  
(*Palæontographical Society.*) 4°. London, 1852.
- Forbes, W. A.** Report on the Anatomy of the Petrels (*Tubinares*) collected during the Voyage of H.M.S. "Challenger" in the years 1873-1876.  
(*Zool., Chall. Exp., Vol. iv., Part II.*) 4°. London, 1882.
- Fort Rae.** Observations of the International Polar Expeditions 1882-83 made at Fort Rae. 4°. London, 1886.
- Foster, Henry, and Hall, Capt. Basil.** Account of Experiments with an Invariable Pendulum, made near the Equator, and on the Coasts of Mexico and Brazil.  
8°. London, 1823.
- , **Parry, W. E., and Ross, J. C.** Observations and Experiments made at Port Bowen in the years 1824-25 on the Figure of the Earth, on Magnetism, and Atmospherical Refraction. 4°. London, 1826.
- Fownes, George.** A Manual of Elementary Chemistry Theoretical and Practical. Eleventh Edition revised and corrected by Henry Watts. 8°. London, 1873.
- Frazer, Persifer Junr.** Report of Progress in the Counties of York, Adams, Cumberland, and Franklin. Illustrated by Maps shewing the Magnetic and Micaceous Ore Belt near the western edge of the Mesozoic Sandstone.  
(*Second Geological Survey of Pennsylvania.*) 8°. Harrisburg, 1877.
- The Geology of Lancaster County, with Maps.  
(*Second Geological Survey of Pennsylvania.*) 8°. Harrisburg, 1880.
- Frerichs, Fried. Theod.** A Clinical Treatise on Diseases of the Liver. Translated by Charles Murchison.  
2 Vols. 8°. London, 1860-1.  
(*New Sydenham Society.*)
- Fresenius, C. R.** Zeitschrift für Analytische Chemie. Herausg. von.— Jahrgang 15-26.  
8°. Wiesbaden, 1876-87.

**Fresenius, C. R.** (*cont.*) Autoren und Sach-Register zu den Bd. 11-20. Bearbeitet von Dr. Heinrich Fresenius und Dr. Wilhelm Lenz. 8°. Wiesbaden, 1881.

**Fresnel, A.** Mémoire sur la Diffraction de la Lumière. 8°. Paris, nd.

— Rapport sur un Mémoire relatif aux couleurs des lames cristallisées douées de la double réfraction. 8°. Paris, 1821.

— Explication de la réfraction dans le système des ondes. 4°. Paris, 1821.

— Extrait d'un Mémoire sur la loi des modifications imprimées à la lumière polarisée par sa réflexion totale dans l'intérieur des corps transparents. 4°. Paris, 1823.

— Considérations théoriques sur la polarisation de la lumière. 4°. Paris, 1824.

— Mémoire sur un nouveau système d'éclairage des Phares. 4°. Paris, 1822.

— Extrait d'un Mémoire sur la double réfraction particulière que présente le cristal de roche dans le direction de son axe. 4°. Paris, 1822.

**Friederichsen, L.** Jahresbericht der Geographischen Gesellschaft in Hamburg, 1873-84. 4 Vols. 8°. Hamburg, 1874-85.

**Galbraith, Rev. J. A. and Haughton, Rev. S.** Manual of Mathematical Tables. Fourth Edition. 8°. London, nd.

**Gardner, J. S., and Ettingshausen, Baron.** A Monograph of the British Eocene Flora. Vols. 1 and 2 complete. 4°. London, 1879-86.

(Palæontographical Society.)

**Garratt, Alfred C.** Myths in Medicine and Old-time Doctors. 8°. New York & London, 1884.

**Gastaldi, Bartolomeo.** Lake Habitations and Pre-Historic Remains in the Turbaries and Marl-Beds of Northern and Central Italy. Translated by C. H. Chambers. 8°. London, 1865.

(Anthropological Society.)

**Gautier, Alfred.** *Astronomie. Coup-d'œil sur l'état actuel de l'Astronomie—pratique en France et en Angleterre.* 8°. Genève, 1823.

— *Mémoire sur une Nouvelle Détermination de la Longitude de Genève.* 4°. Genève, 1824.

— *Mémoire sur une Nouvelle Détermination de la Latitude de Genève.* 4°. Genève, 1830.

**Geikie, Archibald.** *Text Book of Geology.* 8°. London, 1882.

— *Class Book of Geology.* 8°. London, 1886.

**Geikie, James.** *The Great Ice Age and its Relation to the Antiquity of Man. Second Edition, Revised.* 8°. London, 1877.

— *Outlines of Geology, an Introduction to the Science, for Junior Students and General Readers.* 8°. London, 1886.

**Gibbs, G., Cooper, J. G., and Suckley, G.** *Report upon the Mammals collected on the Survey.* 4°. Washington, 1860.

(U.S. Railway Survey, Mississippi River to Pacific Ocean.)

**Gibson, William.** *Reported Dangers to Navigation in the North Pacific Ocean, inclusive of the China and Japan Seas and the East India Archipelago. Supplement to the First Edition.* 8°. Washington, 1880.

(U.S. Hydrographic Office.)

— *Sailing Directions for the Kattegat, Sound, and Great and Little Belts, to the Baltic Sea; compiled from the Danish and Swedish Surveys.* 8°. Washington, 1881.

(U.S. Hydrographic Office.)

**Gilbert, Davies.** *On some Properties of the Catenarian Curve with reference to Bridges by Suspension.* 8°. London, nd.

— *On the Vibrations of Heavy Bodies.* 8°. London, 1825.



- Gilbert, G. K.** Contributions to the History of Lake Bonneville. 4°. Washington, 1882.  
(*U.S. Geological Survey, 2nd Rep.*)
- A New Method of Measuring Heights by means of the Barometer. 4°. Washington, 1882.  
(*U.S. Geological Survey, 2nd Rep.*)
- The Topographic Features of Lake Shores. 4°. Washington, 1885.  
(*U.S. Geological Survey, 5th Rep.*)
- Report on the Geology of Portions of Nevada, Utah, California, and Arizona examined in the years 1871-2. 4°. Washington, 1875.  
(*U.S. Geogr. and Geolog. Surveys, West of the 100th Meridian.*)
- Gildersleeve, Basil L.** The American Journal of Philology. Edited by.— Vol. 1—8. 8°. Baltimore, 1880-87.  
(*Johns Hopkins University.*)
- Gill, Rev. W. W.** Myths and Songs from the South Pacific. With a preface by F. Max Müller. 8°. London, 1876.
- Historical Sketches of Savage Life in Polynesia; with illustrative clan songs. 8°. Wellington, 1880.
- Girard, Charles.** Report on Fishes Collected on the Survey. 4°. Washington, 1857.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)
- Glaisher, James.** The Atmosphere. Translated from the French of Camille Flammarion. Edited by.— 8°. London, 1873.
- Gloeker, Ernst Friedrich.** Geognostische Beschreibung der Preussischen Oberlausitz, theilweise mit Berücksichtigung des Sächsischen Antheils. 8°. Görlitz, 1857.
- Zwei Karten zur Geognostischen Beschreibung der Preussischen Oberlausitz. Folio, Görlitz, 1857.
- Gmelin, Leopold.** Handbook of Chemistry; translated by Henry Watts. 18 Vols. 8°. London, 1848-71.  
Vol. 1. Cohesion, Adhesion, Affinity, Light, Heat, and Electricity.  
„ 2. Non-Metallic Elements.  
„ 3-6. Metals.  
„ 7-18. Organic Chemistry.
- — Index, by Henry Watts. 8°. London, 1872.  
(*Cavendish Society.*)

**Goldingham, John.** Observations for ascertaining the Length of the Pendulum at Madras in the East Indies, with the Conclusions Drawn from the Same.

4°. London, 1822.

**Gooch, Robert.** On Some of the Most Important Diseases peculiar to Women; with other papers. Prefatory Essay by Robert Ferguson.

8°. London, 1859.

(New Sydenham Society.)

**Good, John Mason.** The Study of Medicine.

Vols. 1, 2, 3, 4, 6. 8°. London, 1825.

**Gordon & Gotch.** The Australian Handbook and Almanac and Shippers and Importers Directory and Business Guide.

14 Vols. 8°. Melbourne, 1875-88.

**Gorringe, Henry H.** Coasts and Islands of the Mediterranean Sea.

3 Vols. 8°. Washington, 1875-9.

(U.S. Hydrographic Office.)

**Gosse, P. H., and Hudson, C. T.** The Rotifera; or Wheel Animalcules.

2 Vols. in 1. 8°. London, 1886.

**Gould, Benjamin Apthorp.** Uranometrica Argentina. Brightness and Position of every Fixed Star, down to the Seventh Magnitude. Within one hundred degrees of the South Pole. With an Atlas.

4°. Buenos Aires, 1879.

**Goupil, M. E., and Bernutz, M. G.** Clinical Memoirs on the Diseases of Women.

2 Vols. 8°. London, 1866-7.

(New Sydenham Society.)

**Græfe, A. von.** Three Memoirs on Iridectomy in Iritis, Choroiditis, and Glaucoma. Translated by Thomas Windsor.

8°. London, 1859.

(New Sydenham Society.)

**Graff, L. von.** Report on the Myzostomida collected during the Voyage of H.M.S. "Challenger" during the years 1873-76.

4°. London, 1884-87.

(Zool., Chall. Exp., Parts 27 & 61.)

**Graham, Thomas.** Chemical Reports and Memoirs. Edited by.—

8°. London, 1848.

(Cavendish Society.)

**Grant, Robert.** History of Physical Astronomy, from the Earliest Ages to the Middle of the Nineteenth Century. 8°. London, 1852.

— Catalogue of 6415 Stars, for the Epoch 1870, deduced from Observations made at the Glasgow University Observatory during the years 1860 to 1881. 4°. Glasgow, 1883.

**Graves, Robert J.** Clinical Lectures on the Practice of Medicine. By the late R. J. Graves, to which is prefixed a criticism by Prof. Trousseau. 2 Vols. 8°. London, 1884.  
(*New Sydenham Society.*)

**Gray, Asa.** Catalogue of Plants collected east of the Rocky Mountains. 4°. Washington, 1860.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)

**Green, Lieut. F. M.** Report on the Telegraph Determination of Differences of Longitude in the West Indies and Central America. 4°. Washington, 1877.  
(*U.S. Hydrographic Office.*)

— The Navigation of the Caribbean Sea and Gulf of Mexico. Vol. 1. 8°. Washington, 1877.  
(*U.S. Hydrographic Office.*)

—, **Davis, C. H., and Norris, J. A.** Telegraphic Determination of Longitudes in Japan, China, and the East Indies, with the Latitude of the Several Stations in 1881-82. 4°. Washington, 1883.  
(*U.S. Hydrographic Office.*)

**Gregory, Olinthus.** Dissertations and Letters, by Don Joseph Rodriguez, The Chevalier Delambre, Baron de Zach, Dr. Thomas Thomson, Dr. Olinthus Gregory, and others: tending either to impugn or to defend the Trigonometrical Survey of England and Wales; carrying on by Col. Mudge and Capt. Colby; collected by.— 8°. London, 1815.

**Grew, Nehemiah.** *Musæum Regalis Societatis.* Or a Catalogue and Description of the Natural and Artificial Rarities belonging to the Royal Society and preserved at Gresham College. Whereunto is subjoyned the Comparative Anatomy of Stomachs and Guts. Folio. London, 1681.



**Griesinger, W.** Mental Pathology and Therapeutics.  
(New Sydenham Society.) 8°. London, 1868.

**Griffith, J. W., and Henfrey, Arthur.** The Micrographic Dictionary: a guide to the examination and investigation of the structure and nature of Microscopic Objects. 2 Vols. in 1. 8°. London, 1875.

— — — Fourth Edition. 8°. London, 1883.

**Grisebach, A.** Report on the Contributions to Botanical Geography during the year 1842. Translated by W. B. Macdonald. 8°. London, 1846.  
(Ray Society.)

— Reports on Geographical Botany for 1844, and Geographical and Systematic Botany for 1845.  
(Ray Society.) 8°. London, 1849.

**Gruner, L.** Die Decorative Kunst. Beiträge zur Ornamentik für Architektur und Kuntsgewerbe aus den Schätzen der Königl. Sammlung für Handzeichnungen und Kupferstiche. Folio. Drésden, 1881.

**Gunther, Albert C. L. G.** Report on the Shore Fishes procured during the Voyage of H.M.S. "Challenger" in the years 1873-76. 4°. London, 1880.  
(Zool., Chall. Exp., Part 6.)

— The Reptiles of British India. 4°. London, 1864.  
(Ray Society.)

— Report on the Deep-Sea Fishes collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1887.  
(Zool., Chall. Exp., Part 57.)

**Gulliver, George.** The Works of William Hewson, edited with an introduction and notes, by.— 8°. London, 1846.  
(Sydenham Society.)

**Guttman, Paul.** A Handbook of Physical Diagnosis. Comprising the Throat, Thorax, and Abdomen. Translated by Alex. Napier. 8°. London, 1879.  
(New Sydenham Society.)

- Guyot, Arnold.** Tables, Meteorological and Physical.  
Fourth Edition. 8°. Washington, 1884.  
(*Smithsonian Miscellaneous Collections*, Vol. xxviii.)
- Haast, Julius von.** Geology of the Provinces of Canterbury and Westland, New Zealand. A Report comprising the results of official explorations. (Text only.)  
8°. Christchurch, 1879.
- Habel, S.** The Sculptures of Santa Lucia Cosmalwhmapa in Guatemala. With an Account of Travels in Central America and on the Western Coast of South America.  
(*Smithsonian Contributions to Knowledge*, Vol. xxii.) 4°. Washington, 1878.
- Habirshaw, Frederick.** Catalogue of the Diatomaceæ.  
(H. H. Chase.) 4°. Geneva, N.Y., 1885.
- Hadden, Alfred C.** Report on the Polyplacophora collected by H.M.S. "Challenger" during the years 1873-76.  
(*Zool., Chall. Exp., Part 43.*) 4°. London, 1886.
- Haeckel, Ernst.** Report on the Deep-Sea Medusæ dredged by H.M.S. "Challenger" during the years 1873-76.  
(*Zool., Chall. Exp., Part 12.*) 4°. London, 1882.
- Report on the Siphonophoræ collected by H.M.S. "Challenger" during the years 1873-76.  
(*Zool., Chall. Exp., Part 77.*) 4°. London, 1888.
- The History of Creation: or the Development of the Earth and its Inhabitants by the Action of Natural Causes. A popular exposition of the doctrine of Evolution in general, and of that of Darwin, Goethe, and Lamarck in particular. Translated by E. R. Lankester. Second Edition.  
2 Vols. 8°. London, 1876.
- Report on the Radiolaria collected by H. M. S. "Challenger" during the years 1873-76.  
(*Zool., Chall. Exp., Part 40.*) 3 Vols. 4°. London, 1887.
- Hague, Arnold.** Abstract of the Report on the Geology of the Eureka District, Nevada. 4°. Washington, 1883.  
(*U.S. Geological Survey, 3rd Report.*)

**Hague, Arnold, and Emmons, S. F.** Descriptive Geology.  
4° Washington, 1877.

(U.S. Geological Exploration of the Fortieth Parallel, Vol. 2.)

**Haime, Jules, and Edwards, H. Milne.** A Monograph of the  
British Fossil Corals. Parts 1 to 5 complete.

4°. London, 1854.  
(Palaeontographical Society.)

**Hall, Capt. Basil.** Letter to Captain Kater communicating  
the Details of Experiments made by him and Mr.  
Henry Foster, with an Invariable Pendulum in  
London; at the Galapagos Islands; at San Blas de  
California; and at Rio de Janeiro. With an Appendix  
containing the Second Series of Experiments in  
London on the return. 4°. London, 1823.

— Account of the Measures adopted for pulling down  
the Ruins caused by the late great Fires at Edinburgh,  
on the 15th, 16th, and 17th November, 1824.

8°. London, 1824.

— On the Proper Method of laying down a Ship's Track  
on Sea Charts, with some Remarks on the Importance  
of Timekeepers in Navigation, by.— 8°. nd.

— Account of the Ferry Across the Tay at Dundee.

8°. Edinburgh, nd.

—, and **Foster, Henry.** Account of Experiments with  
an Invariable Pendulum, made near the Equator, and  
on the Coasts of Mexico and Brazil.

8°. London, 1823.

**Hall, Ch. E.** Catalogue of the Geological Museum. 2 Vols.

(Second Geological Survey of Pennsylvania.)

8°. Harrisburg, 1878-80.

— Field Notes in Delaware County.

(Second Geological Survey of Pennsylvania.)

8°. Harrisburg, 1885.

**Hall, Sir James.** Abstract of Experiments on the Consoli-  
dation of the Strata of the earth. 8°. Edinburgh, nd.

**Hall, James.** Descriptions and Notices of the Fossils Collected  
upon the Route. 4°. Washington, 1856.

(U.S. Railway Survey, Mississippi River, to Pacific Ocean.)



- Hall, James, and Whitfield, R. P.** Palæontology.  
4°. Washington, 1877.  
(*U.S. Geological Exploration of the Fortieth Parallel, Vol. iv., Part 2.*)
- Hallowell, Edward.** Report upon the Reptiles of the Route.  
4°. Washington, 1859.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)
- Hamel, Dr.** Relation de deux tentatives récentes pour  
monter sur le Mont-Blanc. 8°. Genève, 1820.
- Hamilton, Alexander.** Outlines of the Theory and Practice  
of Midwifery. 8°. Edinburgh, 1784.
- Hancock, Albany, and Alder, Joshua.** A Monograph of the  
British Nudibranchiate Mollusca: with figures of all  
the Species. 7 Vols. 4°. London, 1845-55.  
(*Ray Society.*)
- Hare, Arthur W., and Woodhead, G. Sims.** Pathological  
Mycology: an enquiry into the etiology of infective  
diseases. 8°. Edinburgh, 1885.
- Hansen, Peter Andreas.** Commentatio de Gradus Præci-  
sionis Computazione. 8°. 1830.
- Harland, R. H., Wigner, G. W., and Lock, C. G. W.** Sugar  
Growing and Refining. 8°. London, 1882.
- Harris, T. W.** Entomological Correspondence; edited by  
S. H. Scudder. 8°. Boston, 1869.  
(*Occasional Papers of the Boston Society of Natural History, i.*)
- Hartmann, Robert.** Anthropoid Apes. 8°. London, 1885.
- Harvey, William.** The Works of.— Translated from the  
Latin, with a Life of the Author, by Robert Willis.  
8°. London, 1847.  
(*Sydenham Society.*)
- Hassall, Arthur Hill.** A History of the British Fresh-  
water Algæ, including descriptions of the Desmidiæ  
and Diatomacæ. 2 Vols. 8°. London, 1845.
- Hasse, Charles Ewald.** An anatomical description of the  
Diseases of the Organs of Circulation and Respiration.  
Translated and edited by W. E. Swaine.  
8°. London, 1846.  
(*Sydenham Society.*)

- Haüy, René Just.** *Traité élémentaire de Physique.*  
2 Vols. 8°. Paris, 1803.
- Haughton, Rev. Samuel, and Galbraith, Rev. Joseph A.**  
*Manual of Mathematical Tables.* Fourth Edition.  
8°. London, nd.
- Hayden, F. V.** See SURVEYS: United States.
- Haydn Series.** *The Bible Dictionary.* Edited by the Rev.  
Charles Boutell. 8°. London, nd.
- *Dictionary of Biography, past and present, containing  
the chief events in the lives of eminent persons of all  
ages and nations.* Edited by Benjamin Vincent.  
8°. London, nd.
- *Dictionary of Dates and Universal Information relating  
to all ages and nations. Containing the History of  
the World to the Autumn of 1881.* By Benjamin  
Vincent. Seventeenth Edition. 8°. London, 1881.
- *Dictionary of Science: comprising Astronomy,  
Chemistry, Dynamics, Electricity, Heat, Hydro-  
dynamics, Hydrostatics, Light, Magnetism, Mechanics,  
Meteorology, Pneumatics, Sound, and Statics.* Pre-  
ceded by an essay on the History of the Physical  
Sciences. Edited by G. Farrer Rodwell.  
8°. London, nd.
- Heap, D. P.** *Report on the International Exhibition of  
Electricity, held at Paris, 1881.*  
(*Engineer Depart., U.S. Army.*) 8°. Washington, 1884.
- Heaton, J. H.** *Australian Dictionary of Dates and Men of  
the Time: containing the History of Australasia from  
1542 to May, 1879.* 8°. Sydney, 1879.
- Hebra, Ferdinand, and Kaposi, Moriz.** *On Diseases of the  
Skin, including the Exanthemata.* Translated and  
edited by C. H. Fagge, P. H. Pye-Smith, and Warren  
Tay. 5 Vols. 8°. London, 1866-80.  
(*New Sydenham Society.*)
- Hecker, J. P. C.** *The Epidemics of the Middle Ages.*  
Translated by B. G. Babington. 8°. London, 1844.  
(*Sydenham Society.*)

- Hector, James.** Handbook of New Zealand. (Sydney International Exhibition, 1879). 8°. Wellington, 1879.
- — — Third edition, revised. 8°. Wellington, 1883.
- — — Fourth edition, revised. 8°. Wellington, 1886.  
(Colonial Museum and Geological Survey Depart.)
- Detailed Catalogue and Guide to the Geological Exhibits of the New Zealand Geological Survey Department. (Indian and Colonial Exhibition, London, 1886.) 8°. Wellington, 1886.
- See also SURVEYS: New Zealand.
- Heerman, A. L.** Report upon the Birds of the Route. 4°. Washington, 1859.  
(U.S. Railway Survey, Mississippi River to Pacific Ocean.)
- Heilprin, Angelo.** The Geographical and Geological Distribution of Animals. 8°. London, 1887.
- Heister, Lawrence.** General System of Surgery, containing the Doctrine and Management: 1st. Of Wounds, Fractures, Luxations, Tumours and Ulcers. 2nd. Of the several Operations performed on all parts of the body. 3rd. Of the several Bandages applied in all Operations and Disorders. Sixth Edition. 4°. London, 1757.
- Helmholtz, Prof.** The Mechanism of the Ossicles and the Membrana Tympani. Translated from the German by James Hinton. 8°. London, 1874.  
(New Sydenham Society.)
- Hemsley, William Botting.** Report on Present State of Knowledge of various Insular Floras, being an Introduction to the first Three Parts of the Botany of the Challenger Expedition. 4°. London, 1885.  
(Bot., Chall. Exp., Vol. i.)
- Report on the Botany of the Bermudas and various other Islands of the Atlantic and Southern Oceans. 4°. London, 1885.  
(Bot., Chall. Exp., Parts 1 and 2.)
- Report on the Botany of Juan Fernandez, the South-Eastern Moluccas, and the Admiralty Islands. 4°. London, 1885.  
(Bot., Chall. Exp., Part 3.)



- Henderson, J. R.** Report on the Anomura collected by H.M.S. "Challenger" during the years 1873-1876. 4°. London, 1888.  
(Zool., Chall. Exp., Part 69.)
- Henfrey, Arthur, and Griffith, J. W.** The Micrographic Dictionary; a guide to the examination and investigation of the Structure and Nature of Microscopic Objects. 2 Vols. in 1. Third Edition. 8°. London, 1875.  
— — Fourth Edition. 8°. London, 1883.
- Henry, Joseph.** A Memorial of.— (Published by order of Congress.) 4°. Washington, 1880.  
— Scientific Writings, 1824—1878. 2 Vols. in 1. 8°. Washington, 1886.  
(Smithsonian Miscellaneous Collections, Vol. 30.)  
— — 2 Vols. 8°. Washington, 1886.
- Henshaw, H. W.** See SURVEYS. (West of 100th Meridian) United States.
- Henslow, Rev. George.** The origin of Floral Structures through Insect and other agencies. 8°. London, 1888.
- Hentz, Nicholas Marcellus.** The Spiders of the United States: a collection of his Arachnological writings. Edited by Edward Burgess, with notes and descriptions by James H. Emerton. 8°. Boston, 1875.  
(Occasional Papers of the Boston Society of Natural History, ii.)
- Henry, William C.** Memoirs of the Life and Scientific Researches of John Dalton. 8°. London, 1854.  
(Carnendish Society.)
- Herdman, William A.** Report on the Tunicata collected during the voyage of H.M.S. "Challenger" during the years 1873-76. Parts 1, 2, and 3. 4°. London, 1882-88.  
(Zool., Chall. Exp., Parts 17, 38, and 76.)
- Herschel, Sir John F. W.** Outlines of Astronomy. New Edition. 8°. London, 1875.  
— Collection of Examples of the applications of the Calculus of Finite Differences. 8°. Cambridge, 1820.

**Herschel, Sir John F. W. (cont.)** On Reflecting Telescopes.  
8°. London, 1825.

— Results of Astronomical Observations made during the years 1834-8, at the Cape of Good Hope; being the completion of a telescopic survey of the whole surface of the visible Heavens, commenced in 1825.

4°. London, 1847.

—, and **South, James.** Observations of the apparent distances and positions of 380 Double and Triple Stars, made in the years 1821-3, and compared with those of other Astronomers, also a description of a five feet Equatorial Instrument employed in the observations.

4°. London, 1825.

**Herschel, Sir William.** On the Places of 145 New Double Stars.  
4°. London, 1821.

**Hertwig, Richard.** Report on the Actinaria dredged by H.M.S. "Challenger" during the years 1873-1876.

(Zool., Chall. Rep., Parts 15 and 73.)

4°. London, 1882-88.

**Heuer, W. H., and Williamson, R. S.** Report upon the Removal of Blossom Rock, San Francisco Harbour, California, in 1870.

4°. Washington, 1871.

**Hewson, William.** The Works of.— Edited with an introduction and notes by George Gulliver.

(Sydenham Society.)

8°. London, 1846.

**Hinde, George Jennings.** Catalogue of the Fossil Sponges in the Geological Department of the British Museum, (Natural History), with descriptions of new and little-known species.

4°. London, 1883.

(British Museum Publications.)

— A Monograph of the British Fossil Sponges. Parts 1 and 2.

4°. London, 1887-8.

(Palaeontographical Society.)

**Hinrichs, Gustavus.** Report on the Iowa Weather Service for the year 1886.

8°. Des Moines, 1887.

**Hinton, James.** The Mechanism of the Ossicles and the Membrana Tympani, by Prof. Helmholtz. Translated from the German by.— 8°. London, 1874.

(New Sydenham Society.)

**Hippocrates.** The Genuine Works of.— Translated from the Greek with a preliminary discourse and annotations by Francis Adams. 2 Vols. 8°. London, 1849.

(Sydenham Society.)

**Hirsch, August.** Handbook of Geographical and Historical Pathology. Translated from the second German Edition by C. Creighton, M.D. 3 Vols.

Vol. 1. Acute Infective Diseases.

„ 2. Chronic Infective, Toxic, Parasitic, Septic, & Constitutional Diseases.

„ 3. Diseases of Organs and Parts.

8°. London, 1883-6.

(New Sydenham Society.)

**Hoek, P. P. C.** Report on the Cirripedia collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1883-4.

(Zool., Chall. Exp., Parts 25 and 28.)

— Report on the Pycnogonida, dredged by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1881.

(Zool., Chall. Exp., Vol. iii, Part 10.)

**Hofmeister, Wilhelm.** On the Germination, Development, and Frutification of the Higher Cryptogamia, and on the Fructification of the Coniferæ. Translated by F. Currey.

8°. London, 1862.

(Ray Society.)

**Hogg, Jabez.** The Microscope: its history, construction, and application; being a familiar introduction to the use of the instrument, and the study of Microscopical Science. New Edition.

8°. London, 1883.

**Hough, Franklin B.** Results of a series of Meteorological Observations made for the Regents of the University, at sundry Academies in the State of New York, from 1826 to 1859.

4°. Albany, 1855.

— Results of a series of Meteorological Observations, made under instructions from the Regents of the University at sundry Stations in the State of New York, Second Series, from 1850 to 1863 inclusive; with records of Rainfall and other phenomena, to 1871, inclusive.

4°. Albany, 1872.



- Hoyle, William Evans.** Report on the Cephalopoda collected by H.M.S. "Challenger" during the years 1873-76.  
(Zool., Chall. Exp., Part 44.) 4°. London, 1886.
- Hubrecht, A. A. W.** Report on the Nemertea collected by H.M.S. "Challenger" during the years 1873-76.  
(Zool., Chall. Exp., Part 51.) 4°. London, 1887.
- Hudleston, Wilfrid H.** A Monograph of the British Jurassic Gasteropoda. Parts 1 and 2. 4°. London, 1886-87.  
(Paleontographical Society.)
- Hudson, James.** Hourly observations and experimental investigations on the Barometer. 4°. London, 1832.
- Hudson, C. T., and Gosse, P. H.** The Rotifera; or Wheel-Animalcules. 2 Vols. in 1. 8°. London, 1886.
- Humboldt, Alexander von.** Cosmos: Sketch of a Physical description of the Universe. Third Edition.  
4 Vols. 8°. London, 1847-58.
- Hunt, Robert.** Mineral Statistics of the United Kingdom of Great Britain and Ireland for 1853 and 1854.  
(Memoirs of the Geological Survey of Great Britain.) 8°. London, 1855.
- **Ure's Dictionary of Arts, Manufactures and Mines,** containing a clear exposition of their principles and practice. Seventh Edition. 4 Vols. 8°. London, 1878.
- Hunter, William.** The Anatomy of the Human Gravid Uterus exhibited in figures. Folio, London, 1851.  
(Sydenham Society.)
- Hutchinson, Jonathan.** A Descriptive Catalogue of the New Sydenham Society's Atlas of Portraits of Diseases of the Skin. Part 1. 8°. London, 1869.  
(New Sydenham Society.)
- Hutton, F. W., and Ulrich, G. H. F.** Report on the Geology and Gold Fields of Otago. 8°. Dunedin, 1875.
- Hutton, W., and Lindley, Dr.** Illustrations of Fossil Plants: being an autotype reproduction of selected drawings. Prepared under the supervision of the late Dr. Lindley and W. Hutton between the years 1835 and 1840. Edited by G. A. Lebour.  
8°. Newcastle-upon-Tyne, 1877.  
(North of England Institute of Mining and Mechanical Engineers.)

**Hutton, W., and Lindley, Dr. (cont.)** Catalogue of the Hutton Collection of Fossil Plants, including a synoptical list of the chief Carboniferous species not in the collection. By G. A. Lebour. 8°. London, 1878.  
(North of England Institute of Mining and Mechanical Engineers.)

**Huxley, Thomas H.** Tape and Cystic Worms, with an introduction on the Origin of Intestinal Worms, by Carl Theodor von Siebold. Translated by.—  
[Küchenmeister's Parasites, Vol. ii.] 8°. London, 1857.  
(Sydenham Society.)

— The Oceanic Hydrozoa; a description of the Calyculophoridae and Physophoridae observed during the voyage of H.M.S. "Rattlesnake" in the years 1846—1850, with a general Introduction. Two copies. 4°. London, 1859.  
(Ray Society.)

— Evidence as to Man's Place in Nature. 8°. London, 1863.

— An elementary Atlas of Comparative Osteology. Folio London, 1864.

— On Vertebrate Fossils from the Panchet Rocks near Ranigunj, Bengal. 4°. Calcutta, 1865.  
(Geological Survey of India.)

— An introduction to the Classification of Animals. 8°. London, 1869.

— Critiques and Addresses. 8°. London, 1873.

— A Manual of the Anatomy of Invertebrated Animals. 8°. London, 1877.

— American Addresses, with a Lecture on the Study of Biology. 8°. London, 1877.

— Lay Sermons, Addresses, and Reviews. Sixth Edition. 8°. London, 1877.

— Lessons in Elementary Physiology. Eleventh Edition. 8°. London, 1878.

— Physiography: an introduction to the Study of Nature. 8°. London, 1878.

**Huxley, Thomas H. (cont.)** A Manual of the Anatomy of  
Vertebrated Animals. 8°. London, 1879.

—— The Crayfish, an introduction to the Study of Zoology.  
8°. London, 1880.

—— ——— Third Edition. 8°. London, 1881.

—— Science and Culture, and other Essays.  
8°. London, 1881.

——, and **Martin, H. N.** A course of Elementary Instruction  
in Practical Biology. Fourth edition.  
8°. London, 1877.

**Inglis, James.** Sport and Work on the Nepaul Frontier, or  
twelve years sporting reminiscences of an Indigo Planter,  
by "Maori." 8°. London, 1878.

—— Our Australian Cousins, by "Maori."  
8°. London, 1880.

**Inman, Thomas.** The Phenomena of Spinal Irritation and  
other functional Diseases of the Nervous System, ex-  
plained, and a rational plan of treatment deduced.  
8°. London, 1858.

**Irving, R. D.** Preliminary Paper on an Investigation of  
the Archæan Formations of the North-western States.  
(U.S. Geological Survey, 5th Rep.) 8°. Washington, 1885.

—— The Copper-bearing Rocks of Lake Superior.  
(U.S. Geological Survey, 3rd Report and Monograph 5.) 4°. Washington, 1883.

**Jack, Robert Logan, and Etheridge, Robert Junr.** Catalogue  
of Works, Papers, Reports, and Maps on the Geology,  
Palæontology, Mineralogy &c. &c., of the Australian  
Continent and Tasmania. 4°. Sydney, 1882.  
(Department of Mines, N.S.W.)

**Jacobi, Ludwig.** Der Grundbesitz und die Landwirth-  
schaftlichen zustände der Preussischen Oberlansitz in  
ihrer Entwicklung und gegenwärtigen Gestaltung,  
dargestellt von.— 8°. Görlitz, 1860.



- Jahn, William.** Catalogue of 100 Stars, of Magnitude 1 to 5, between the South Pole and declination south  $34^{\circ}$  for the Epoch 1880, with Logarithmic Constants for 1880 and 1890.  $4^{\circ}$ . Melbourne, 1880.  
(*Victorian Institute of Surveyors.*)
- Jazdowski, J.** Meadows' Italian and English Dictionary, with a concise Grammar. Revised, corrected, and enlarged by.—  $8^{\circ}$ . London, 1876.
- Jefferson.** — Constitution of the United States of America, with the amendments thereto: to which are added Jefferson's Manual of Parliamentary Practice, and Barelay's Digest.  $8^{\circ}$ . Washington, nd.
- Jencken, Johann Ferdinand.** Treatises on Light, Colour, Electricity and Magnetism. Translated by H. C. Jencken.  $8^{\circ}$ . London, 1869.
- Jevons, W. Stanley.** Money and the Mechanism of Exchange  $8^{\circ}$ . London, 1875.
- Johnson, James.** The Influence of Tropical Climates on European constitutions; including an essay on Indigestion.  $8^{\circ}$ . London, 1836.
- Johnston, Alexander Keith.** A general Dictionary of Geography, Descriptive, Physical, Statistical, Historical, forming a complete Gazetteer of the World. New edition, revised.  $8^{\circ}$ . London, 1877.
- The Physical Atlas of Natural Phenomena. Folio, London, 1856.
- The Royal Atlas of Modern Geography, exhibiting in a series of entirely original and authentic maps the present condition of Geographical discovery and research in the several Countries, Empires, and States of the World. Folio, London, 1879.
- Johnston, J. F. W., and Cameron, C. A.** Elements of Agricultural Chemistry and Geology. Eleventh Edition.  $8^{\circ}$ . London, 1878.
- Joly, N.** Man before Metals.  $8^{\circ}$ . London, 1883.

- Jones, Joseph.** Explorations of the Aboriginal Remains of Tennessee. 4°. Washington, 1876.  
(*Smithsonian Contributions to Knowledge, Vol. xxii.*)
- Jones, Owen.** The Grammar of Ornament. Illustrated by examples from various styles of ornament. Folio, London, 1856.
- Jones, T. Rupert.** A Monograph of the Entomostraca of the Cretaceous Formation of England, complete. 4°. London, 1849.  
(*Palaeontographical Society.*)
- A Monograph of the Tertiary Entomostraca of England, complete. 4°. London, 1856.  
(*Palaeontographical Society.*)
- A Monograph of the Fossil Estheriæ, complete. 4°. London, 1862.  
(*Palaeontographical Society.*)
- , **Kirby, J. W., and Brady, G. S.** A Monograph of the British Fossil Bivalved Entomostraca from the Carboniferous Formations. Part I., Nos. 1 and 2. 4°. London, 1874-84.  
(*Palaeontographical Society.*)
- , **Parker, W. K., and Brady, H. B.** A Monograph of the Foraminifera of the Crag. Part 1. 4°. London, 1866.  
(*Palaeontographical Society.*)
- , and **Woodward, H.** A Monograph of the British Palæozoic Phyllopoda. 4°. London, 1888.  
(*Palaeontographical Society.*)
- Jones, Thomas.** Description and Use of "The Sectograph." 8°. London, 1814.
- Judd, John W.** Volcanoes, what they are, and what they teach. Second edition. 8°. London, 1883.
- Jukes, J. Beete.** Narrative of the Surveying Voyage of H. M. S. "Fly," in Torres Strait, New Guinea, and other Islands of the Eastern Archipelago during the years 1842-46. 2 Vols. in 1. 8°. London, 1847.
- Kaposi, Moriz.** See **Hebra, Ferdinand.**

**Kater, Capt. Henry.** An Account of Experiments for Determining the Length of the Pendulum Vibrating Seconds in the Latitude of London. 4°. London, 1818.

— On the Length of the French Mètre estimated in Parts of the English Standard. 4°. London, 1818.

— An Account of Experiments for Determining the Variation in the Length of the Pendulum Vibrating Seconds, at the Principal Stations of the Trigonometrical Survey of Great Britain. 4°. London, 1819.

— A description of a Vertical Floating Collimator, and an account of its application to Astronomical Observations with a circle and a zenith telescope. 4°. London, 1828.

— An Account of the Construction and Verification of a copy of the Imperial Standard Yard made for the Royal Society. 4°. London, 1831.

— Description of an Escapement for an Astronomical Clock. 4°. London, 1840.

**Kennerly, C. B. R.** On the Zoology of the Expedition—  
No. 1. Field Notes and Explanations. 4°. Washington, 1856.

— — No. 2. Report upon the Mammals, No. 3,  
Report upon the Birds. 4°. Washington, 1859.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)

**Kent, W. Saville.** A Manual of the Infusoria: including a description of all known Flagellate, Ciliate, and Tentaculiferous Protozoa, British and Foreign, and an account of the Organization and Affinities of the Sponges. 3 Vols. 8°. London, 1880-2.

**Kerl, Professor.** A Practical Treatise on Metallurgy, adapted from the last German edition of Professor Kerl's Metallurgy by William Crookes and Ernst Röhrig, containing Lead, Silver, Gold, Copper, Iron, Fuel, &c. 3 Vols. 8°. London, 1868-70.



**Kerr, M. C.** Memorial Addresses on the Life and Character of,—delivered in the House of Representatives, Dec. 16th, 1876, and in the Senate Feb. 27th, 1877.

8°. Washington, 1877.

**Kierman, John.** Hints on Horse-shoeing: being an exposition of the Dunbar system, taught to the Farriers of the United States Army, under the authority of the joint resolution of Congress of July 28, 1866.

4°. Washington, 1871.

**Kimball, J. P.** Reports of the Director of the Mint upon the Production of the Precious Metals in the United States, 1884-86.

3 Vols. 8°. Washington, 1885-7.

**King, Clarence.** Systematic Geology. 8°. Washington, 1878.  
(U.S. Geological Exploration of the Fortieth Parallel.)

— Production of the Precious Metals in the United States.  
(U.S. Geological Survey, 2nd Rep.) 4°. Washington, 1882.

**King, William.** A Monograph of the Permian Fossils of England.

4°. London, 1850.

(Paleontographical Society.)

**Kirby, James W., Jones, T. Rupert, and Brady, George S.** A Monograph of the British Fossil Bivalved Entomostraca from the Carboniferous Formations, Part I., Nos. 1 and 2.

4°. London, 1874-84.

(Paleontographical Society.)

**Klein, E.** Micro-Organisms and Disease, an introduction into the Study of Specific Micro-Organisms.

8°. London, 1884.

**Koch, Robert.** Investigations into the Etiology of Traumatic Infective Diseases. Translated by W. W. Cheyne.

(New Sydenham Society.)

8°. London, 1880.

**Kolliker, A. V.** Report on the Pennatulida dredged by H.M.S. "Challenger" during the years 1873-1876.

(Zool., Chall. Exp., Vol. i., No. 2.)

4°. London, 1880.

**Kolliker, A.** Manual of Human Histology. Translated and edited by George Busk and Thomas Huxley.

(Sydenham Society.)

2 Vols. 8°. London, 1853-4.

**Kolk, J. L. C. Schroeder van der.** Atrophy of the Brain.  
Translated from the Original by William Daniel Moore.  
(*New Sydenham Society.*) 8°. London, 1861.

— On the Minute Structure and Functions of the Spinal  
Cord and Medulla Oblongata, and on the proximate  
cause and rational treatment of Epilepsy. Translated  
by W. D. Moore. 8°. London, 1859.  
(*New Sydenham Society.*)

**Koren, Johan, and Danielssen, D. C.** Nye Aleyonider,  
Gorgonider og Pennatulider tilhorende Norges Fauna.  
(*Bergens Museum.*) Folio, Bergen, 1883.

**Kramer, W.** The Aural Surgery of the Present Day.  
(*New Sydenham Society.*) 8°. London, 1863.

**Krause, R., and Schmeltz, J. D. E.** Die Ethnographisch-  
Anthropologische Abtheilung des Museum Godeffroy in  
Hamburg. Ein Beitrag zur Kunde der Südsee-Völker.  
8°. Hamburg, 1881.

**Kuchenmeister, Frederick.** On Animal and Vegetable  
Parasites of the Human Body, a Manual of their Natural  
History, Diagnosis and Treatment. Translated by E.  
Lankester. 2 Vols. 8°. London, 1857.  
(*Sydenham Society.*)

**Kussmaul, Adolf, and Tenner, Adolf.** Epileptiform Con-  
vulsions from Hæmorrhage. 8°. London, 1859.  
(*New Sydenham Society.*)

**Lacaille, Abbé de.** A Catalogue of 9766 Stars in the South-  
ern Hemisphere, for the beginning of the year 1750,  
from the observations of the.—made at the Cape of  
Good Hope in the years 1751 and 1752.  
8°. London, 1847.

**Lacroix, S. F.** Elémens d'Algèbre, a l'usage de l'Ecole  
Centrale des Quatre-Nations. Quatorzième édition.  
8°. Paris, 1825.

**Lamb, Horace.** A Treatise on the Mathematical Theory of  
the Motion of Fluids. 8°. Cambridge, 1879.

- Lambton, W.** Corrections applied to the Great Meridional Arc, extending from Latitude  $8^{\circ} 9' 38''$ , 39, to Latitude  $18^{\circ} 3' 23''$ , 64, to reduce it to the Parliamentary Standard. 4°. London, 1823.
- Lancereux, E.** A Treatise on Syphilis, Historical and Practical. Translated by G. Whitley, M.D. 2 Vols. 8°. London, 1868-9.  
(*New Sydenham Society.*)
- Landau, Leopold.** Moveable Kidney in Women. Translated and edited with notes by Francis Henry Champneys. 8°. London, 1884.  
(*New Sydenham Society.*)
- Landsborough, Rev. D.** A Popular History of British Zoophytes, or Corallines. 8°. London, 1852.
- Langley, S. P.** Researches on Solar Heat and its absorption by the Earth's Atmosphere. A report of the Mount Whitney Expedition. 4°. Washington, 1884.  
(*Professional Papers of the Signal Service, No. 15.*)
- Lankester, Edwin.** Memorials of John Ray, consisting of his Life by Dr. Derham, Biographical and critical notices by Sir J. E. Smith and Cuvier and Dupetit Thouars. Edited by.— 8°. London, 1846.  
(*Ray Society.*)
- On Animal and Vegetable Parasites of the Human Body, a Manual of their Natural History, Diagnosis and Treatment by Dr. Frederich Küchenmeister. Translated from the second German edition by.— 2 Vols. 8°. London, 1857.  
(*Sydenham Society.*)
- Lankester, E. R.** The History of Creation: or the Development of the Earth and its Inhabitants by the Action of Natural Causes. A popular exposition of the doctrine of Evolution in general, and of that of Darwin, Goethe, and Lamarck in particular. By Ernst Haeckel. Translated by.— Second Edition. 2 Vols. 8°. London, 1876.
- , and **Powrie, James.** A Monograph of the Fishes of the Old Red Sandstone of Britain. Part I. 4°. London, 1868-70.  
(*Palaeontographical Society.*)



- Laplace, Pierre Simon, Marquis de.** Développement de la Théorie de Fluides Elastiques, et application de cette théorie a la vitesse du son. 8°. Paris, 1821.
- Elementary illustrations of the Celestial Mechanics of.— Part the first, comprehending the first book. 8°. London, 1821.
- Remarks on Laplace's latest Computation of the Density and Figure of the Earth. 8°. London, 1823.
- Sur l'attraction des Sphères, et sur la répulsion des fluides élastiques. 8°. Paris, 1821.
- Théorie de l'Action capillaire. 4°. Paris, 1806.
- Lardner, Rev. Dionysius.** An Elementary Treatise on the Differential and Integral Calculus. 8°. London, 1825.
- Handbook of Astronomy. Fourth edition, revised and edited by Edwin Dunkin. 8°. London, 1875.
- Latham, P. M.** The collected Works of.— With Memoir by Sir Thomas Watson. Edited by Robert Martin. 2 Vols. 8°. London, 1876.  
 Vol. 1. Diseases of the Heart.  
 „ 2. Clinical Medicine, &c.  
 (New Sydenham Society.)
- Latham, R. G.** The Works of Thomas Sydenham M.D. Translated from the Latin edition of Dr. Greenhill: with a Life of the Author by.— 2 Vols. 8°. London, 1848-50.  
 (Sydenham Society.)
- Laurent, Auguste.** Chemical Method, notation, classification, and nomenclature. Translated by William Odling. 8°. London, 1855.  
 (Cavendish Society.)
- Lawrence, George N., Cassin, J., and Baird, Spencer F.** Vol. ix.—Birds. 4°. Washington, 1858.  
 (U.S. Railway Survey, Mississippi River to Pacific Ocean.)
- Lebour, G. A.** Illustrations of Fossil Plants: being an autotype reproduction of selected drawings. Prepared under the supervision of the late Dr. Lindley and W. Hutton, between the years 1835 and 1840. Edited by.— 8°. Newcastle-upon-Tyne, 1877.  
 (North of England Institute of Mining and Mechanical Engineers.)

**Lebour, G. A. (cont.)** Catalogue of the Hutton Collection of Fossil Plants, including a synoptical list of the chief Carboniferous species not in the collection.

8°. London, 1878.

(North of England Institute of Mining and Mechanical Engineers.)

**Leconte, John F.** Report upon the Insects collected on the Survey.

4°. Washington, 1855-60.

(U.S. Railway Survey, Mississippi River to Pacific Ocean.)

**Le Conte, Joseph.** Sight: an exposition of the principles of Monocular and Binocular Vision.

8°. London, 1881.

**Lee, Stephen.** On the Dispersive Power of the Atmosphere, and its effect on Astronomical Observations.

4°. London, 1815.

**Legendre, A. M.** *Eléments de Géométrie, avec des notes.* Douzième édition.

8°. Paris, 1823.

**Lehmann, C. G.** Physiological Chemistry. Translated from the second edition by George E. Davy.

(Cavendish Society.) 3 Vols. 8°. London, 1851-4.

— *Atlas der Physiologischen Chemie.* Lugleich als Supplement zu C. G. Lehmann's *Lehrbuch der Physiologischen Chemie.*

4°. Leipzig, 1853.

**Leichhardt, Ludwig.** *Briefe an seine Angehörigen.* Heraus. im Auftrage der Geographischen Gesellschaft in Hamburg von Dr. G. Neumayer und Otto Leichhardt. Mit einem Anhang: Dr. Ludwig Leichhardt als Naturforscher und Entdeckungsreisender von Dr. G. Neumayer.

8°. Hamburg, 1881.

**Leidy, Joseph.** Contributions to the Extinct Vertebrate Fauna of the Western Territories.

(U.S. Geological Survey of the Territories.)

4°. Washington, 1873.

— Fresh Water Rhizopods of North America.

(U.S. Geological Survey of the Territories.)

4°. Washington, 1879.

**Leighton, Rev. W. A.** The British Species of Angiocarpous Lichens, elucidated by their Sporidia.

(Ray Society.)

8°. London, 1851.

- Leonhard, Karl C. Ritter von.** Naturgeschichte des Mineralreichs, und Grundzüge der Geologie und Geognosie. 8°. Heidelberg, 1831.
- Lesley, J. P.** A Map and Profile of a line of Levels along Slippery Rock Creek. 8°. Harrisburg, 1875.  
(*Second Geological Survey of Pennsylvania.*)
- A Geological Hand Atlas of the Sixty-seven Counties of Pennsylvania, embodying the results of the Field Work of the Survey from 1874 to 1884. 8°. Harrisburg, 1885.  
(*Second Geological Survey of Pennsylvania.*)
- Annual Report of the Geological Survey of Pennsylvania for 1885 and 1886, by the State Geologist. 3 Vols. 8°. Harrisburg, 1886-7.  
(*Second Geological Survey of Pennsylvania.*)
- The Geology of Chester County, after the Surveys of H. D. Rogers, P. Frazer, and C. E. Hall. Edited by.— 8°. Harrisburg, 1883.  
(*Second Geological Survey of Pennsylvania.*)
- Lesquereux, Leo.** Description of the Coal Flora of the Carboniferous Formation in Pennsylvania and throughout the United States. 3 Vols. with Atlas. 8°. Harrisburg, 1880-84.  
(*Second Geological Survey of Pennsylvania.*)
- Contributions to the Fossil Flora of the Western Territories.  
Part 1. The Cretaceous Flora.  
„ 2. The Tertiary Flora. 4°. Washington, 1874-8.  
(*U.S. Geological Survey of the Territories.*)
- Levi, Leone.** International Law with Materials for a Code of International Law. 8°. London, 1887.
- Lewis, H. C.** Report on the Terminal Moraine in Pennsylvania and Western New York. 8°. Harrisburg, 1884.  
(*Second Geological Survey of Pennsylvania.*)
- Libbey, William.** Tables Meteorological and Physical, by Arnold Guyot. Fourth edition, revised and enlarged, edited by.— 8°. Washington, 1884.  
(*Smithsonian Miscellaneous Collections, Vol. 28.*)



**Lindley, Dr., and Hutton, W.** Illustrations of Fossil Plants: being an autotype reproduction of selected drawings, 1835—1840. Edited by G. A. Lebour.

8°. Newcastle-upon-Tyne, 1877.

(North of England Institute of Mining and Mechanical Engineers.)

**Link, H. F.** Report on the Progress of Physiological Botany. Translated by E. Lankester and J. Hudson.

(Ray Society.)

8°. London, 1846-9.

**Linstow, O. von.** Report on the Entozoa collected by H. M.S. "Challenger" during the years 1873-76.

(Zool., Chall. Exp., Part 71.)

4°. London, 1888.

**Lippincott, J. B.** A Complete Pronouncing Gazetteer or Geographical Dictionary of the World.

8°. Philadelphia, 1880.

**Littrow, J. J.** On Barlow's New Telescopes.

4°. London, 1830.

**Liversidge, Archibald.** Notes on the Iron and Coal Deposits, Wallerawang, and on the Diamond Fields.

(Department of Mines, Sydney.)

8°. Sydney, 1875.

— Description of the Minerals of New South Wales. Second edition.

4°. Sydney, 1882.

(Department of Mines, Sydney.)

— The Minerals of New South Wales.

8°. London, 1888.

**Lock, Alfred G.** Gold: its occurrence and extraction.

8°. London, 1882.

**Lock, C. G. W., Wigner, G. W., and Harland, R. H.** Sugar Growing and Refining: A comprehensive treatise on the culture of sugar-yielding Plants and the manufacture refining, and analysis of Cane, Beet, Maple, Melon, Milk, Palm, Sorghum, and Starch Sugars; and on the Distillation of Rum.

8°. London, 1882.

- Lockyer, J. Norman.** Contributions to Solar Physics. I. A popular account of inquiries into the physical constitution of the Sun, with special reference to recent spectroscopic researches. II. Communications to the Royal Society of London and the French Academy of Sciences, with notes. 8°. London, 1874.
- Studies in Spectrum Analysis. 8°. London, 1878.
- Lommel, Eugene.** The Nature of Light, with a general account of Physical Optics. Second edition. 8°. London, 1875.
- Loomis, Elias.** A Treatise on Meteorology, with a collection of Meteorological Tables. 8°. New York, 1877.
- An introduction to Practical Astronomy with a collection of Astronomical Tables. Seventh edition. 8°. New York, 1875.
- Lord, Elliot.** Comstock Mining and Miners. 4°. Washington, 1883.  
(U.S. Geological Survey, Monograph 4.)
- Louis, P. C. A.** Researches in Phthisis, Anatomical, Pathological, and Therapeutical. Translated by W. H. Walshe. 8°. London, 1844.  
(Sydenham Society.)
- Lubbock, Sir John.** Ants, Bees, and Wasps, a record of observations on the habits of the social Hymenoptera. 8°. London, 1882.
- On the Senses, Instincts and Intelligence of Animals with special reference to Insects. Third edition. 8°. London, 1889.
- Monograph of the Collembola and Thysanura. 8°. London, 1873.
- Lubbock, John William.** On the determination of the Orbit of a Comet. 4°. London, 1829.
- Lucas, D. J.** A Map and Profile of a line of Levels through Butler, Armstrong and Clarion Counties. 8°. Harrisburg, 1875.  
(Second Geological Survey of Pennsylvania.)

**Ludlow, William.** Report of a Reconnaissance of the Black Hills of Dakota, made in the Summer of 1874.

(Engineer Department, U.S. Army.)

4. Washington, 1875.

— Report of a Reconnaissance from Carroll, Montana Territory, on the Upper Missouri, to the Yellowstone National Park, and Return, made in 1875

(Engineer Department, U.S. Army.)

4°. Washington, 1876.

**Luis, J.** The Brain and its Functions. 8°. London, 1881.

**Lycett, John and Morris, J.** A Monograph of the Mollusca from the Great Oolite, chiefly from Minchinhampton and the Coast of Yorkshire, and Supplement complete.

(Palaeontographical Society.)

4°. London, 1850-63.

**Lycett, John.** A Monograph of the British Fossil Trigonæ, complete.

(Palaeontographical Society.)

4°. London, 1872-83.

**Lyman, Theodore.** Report on the Ophiuroidea dredged by H.M.S. "Challenger" during the years 1873-1876.

(Zool., Chall. Exp., Vol. v., Part 14.)

4°. London, 1882.

**McCreath, Andrew S.** Second Report of Progress in the Laboratory of the Survey at Harrisburg.

(Second Geological Survey of Pennsylvania.)

8°. Harrisburg, 1879.

**McCulloch, J. R.** A Dictionary, practical, theoretical, and historical, of Commerce and Commercial Navigation. With a Supplement by A. J. Wilson. Latest edition.

8°. London, 1882.

**Macdonald, W. B.** Reports on the Progress of Zoology for the years 1842-3 and 4, by Prof. Andr. Wagner, Drs. F. H. Troschel and W. F. Erichson, and Prof. C. Th. V. Siebold. Translated from the German by G. Busk, A. Tulk, A. H. Haliday, and—

(Ray Society.)

8°. London, 1845-47.

— Report on the Contributions to Botanical Geography during the year 1842 by A. Grisebach. Translated by.—

(Ray Society.)

8°. London, 1846.



**Macdonald, W. B. (cont.)** Reports on Geographical Botany for 1844, and Geographical and Systematic Botany for 1845, by A. Grisebach. Translated by.—

(Ray Society.)

8°. London, 1849.

**McDonnell, Robert.** Selections from the Works of Abraham Colles, consisting chiefly of his practical observations on the Venereal Disease and on the use of Mercury. Edited with annotations by.—

8°. London, 1881.

(New Sydenham Society.)

**McIntosh, William C.** Report on the *Cephalodiscus dodecalophus*, a new type of the Polyzoa procured on the voyage of H.M.S. "Challenger" during the years 1873-1876.

4°. London, 1887.

(Zool., Chall. Exp., Part 62.)

— A Monograph of the British Annélids. Part 1, The Nemertean.

2 Vols. 4°. London, 1873-4.

(Ray Society)

— Report on the Annélida Polychæta collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1885.

(Zool., Chall. Exp., Part 34.)

— Report on *Phoronis Buskii*, n. sp., dredged during the voyage of H.M.S. "Challenger" 1873-76.

4°. London, 1888.

(Zool., Chall. Exp., Part 75.)

**McMurtrie, William.** Report on the Culture of the Sugar Beet, and the Manufacture of Sugar therefrom in France and the United States.

8°. Washington, 1880.

(U.S. Department of Agriculture.)

**Macomb, M. M.** Tables of Geographic Positions, Azimuths, and Distances, together with lists of Barometric Altitudes, Magnetic Declinations, and Itineraries of Important Routes.

4°. Washington, 1885.

(Engineer Department U.S. Army.)

**Maiden, J. H.** The Useful Native Plants of Australia, (including Tasmania.)

8°. Sydney and London, 1889.

**Mallet, F. R.** A Manual of the Geology of India. Part iv. Mineralogy (mainly non-economic.)

8°. Calcutta, 1887.

(Geological Survey of India.)

- Marchiafava, Ettore, and Celli, A.** Memoir on the alteration in the red globules in Malaria Infection, and on the origin of Melanæmia. Translated and edited by Edward Drummond, M.D. 8°. London, 1888.  
(*New Sydenham Society.*)
- Marcou, Jules.** Resumé and Field Notes on the Geology of the Route. 4°. Washington, 1856.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)
- Marsh, Othniel C.** Birds with Teeth. 4°. Washington, 1883.  
(*U.S. Geological Survey, 3rd Report.*)
- The Dinocerata, a Monograph of an Extinct Order of Mammals. 4°. Washington, 1886.  
(*U.S. Geological Survey, Monograph 10.*)
- Odontornithes : A Monograph on the Extinct Toothed Birds of North America. 4°. Washington, 1880.  
(*U.S. Geological Exploration of the Fortieth Parallel.*)
- The Gigantic Mammals of the Order Dinocerata. 4°. Washington, 1885.  
(*U.S. Geological Survey, 5th Report.*)
- Marey, E. J.** Animal Mechanism, a Treatise on Terrestrial and Aerial Locomotion. Second edition. 8°. London, 1874.
- Martin, H. N., and Huxley, T. H.** A course of Elementary Instruction in Practical Biology. Fourth edition. 8°. London, 1877.
- Martin, John H.** A Manual of Microscopic Mounting with notes on the collection and examination of objects. Second edition. 8°. London, 1878.
- Masters, Maxwell T.** Vegetable Teratology, an account of the principal deviations from the usual construction of Plants. 8°. London, 1869.  
(*Ray Society.*)
- Matthews, Washington.** Ethnography and Philology of the Hidatsa Indians. 8°. Washington, 1877.  
(*U.S. Geological Survey of the Territories.*)
- Maudsley, Henry.** Responsibility in Mental Disease. Third edition. 8°. London, 1876.

- Meadow's** Italian and English Dictionary, with a concise Grammar revised, corrected and enlarged by J. Jazdowski. 8°. London, 1876.
- Medlicott, H. B., and Blanford, W. T.** A Manual of the Geology of India, chiefly compiled from the observations of the Geological Survey. Parts I. and II. with Geological Sketch Map. 8°. Calcutta, 1879.  
(*Geological Survey of India.*)
- Meek, F. B.** A Report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri Country. 4°. Washington, 1876.  
(*U.S. Geological Survey of the Territories.*)
- **Palæontology.** 4°. Washington, 1877.  
(*U.S. Geological Survey of the Fortieth Parallel.*)
- Meneghini, G.** On the Animal Nature of the Diatomæ. 8°. London, 1853.  
(*Ray Society.*)
- Meyen, F. J. F.** Outlines of the Geography of Plants : with particular enquiries concerning the Native Country, the culture and the uses of the principal cultivated plants on which the prosperity of Nations is based. 8°. London, 1846.  
(*Ray Society.*)
- Meyer, A. B.** Mittheilungen aus dem K. Zoologischen Museum zu Dresden. Heraus. von.— Heft 1, 2, 3. 4°. Dresden, 1875-8.
- **Index zu L. Reichenbach's Ornithologischen Werken.** Zusammengestellt von.— 8°. Berlin, 1879.
- **Bilderschriften des Ostindischen Archipels und der Südsee, heraus. von.—** Folio, Leipzig, 1881.  
(*K. Ethnographisches Museum zu Dresden.*)
- Meyer, Georg Hermann von.** The Organs of Speech and their application in the formation of articulate Sounds. 8°. London, 1883.
- Miall, L. C.** A Monograph of the Sirenoid and Crossopterygian Ganoids. Part I. 4°. London, 1878.  
(*Palæontographical Society.*)
- Michael, Albert D.** British Oribatidæ. Vols. 1 and 2. 8°. London, 1884-7.  
(*Ray Society.*)



- Miers, Edward J.** Report on the Brachyura collected by H.M.S. "Challenger" during the years 1873-76. .  
(Zool., Chall. Exp., Part 49.) 4°. London, 1886.
- Milne, John.** Earthquakes and other Earth Movements.  
8°. London, 1886.
- Mitchell, J. M.** Mesehowe: Illustrations of the Runic Literature of Scandinavia, translations in Danish and English of the inscriptions in Mesehowe, visits of the Northern Sovereigns to Orkney, Notes, Vocabulary &c.  
8°. Edinburgh, 1843.
- Mollendorff, Georg von.** Die Regenverhältnis Deutschlands und Karte.  
(Naturforschende Gesellschaft zu Gorrütz.) 8°. Gorrütz, 1862.
- Mohl, Hugo von.** On the Structure of the Palm-stem.  
(Ray Society.) 8°. London, 1849.
- Moll, Gerard.** On Captain Parry's and Lieutenant Foster's Experiments on the velocity of Sound.  
4°. London, 1828.
- Moore, J. J.** Australian Almanac and Handbook for the years 1876, 1879, 1880.  
8°. Sydney, 1876-80.
- Mordecai, Major Alfred.** Military Commission to Europe in 1855 and 1856.  
(U.S. War Department.) 4°. Washington, 1860.
- Morris, J., and Lycett, John.** A Monograph of the Mollusca from the Great Oolite, chiefly from Minchinhampton and the Coast of Yorkshire, and Supplement complete.  
(Palæontographical Society.) 4°. London, 1850-63.
- Morselli, Henry.** Suicide: an essay on comparative Moral Statistics.  
8°. London, 1881.
- Moseley, H. N.** Notes by a Naturalist on the "Challenger," being an account of various Observations made during the voyage of H.M.S. "Challenger" round the World in the years 1872-6, under the commands of Capt. Sir G. S. Nares, and Capt. F. T. Thomson.  
8°. London, 1879.

**Moseley, H. N.** (*cont.*) Report on certain Hydroid, Alcyonarian, and Madreporarian Corals procured during the voyage of H.M.S. "Challenger" in the years 1873-76. 4°. London, 1881.  
(*Zool., Chall. Exp., Vol. ii., Part 7.*)

—, **Tizard, T. H., Buchanan, J. Y., and Murray, John.** Narrative of the Cruise of H.M.S. "Challenger," with a General Account of the Scientific Results of the Expedition. 2 Vols. in 3. 4°. London, 1882-5.

**Mudge, William.** An Account of the Operations carried on for accomplishing a Trigonometrical Survey of England and Wales, continued from the year 1797 to 1799. Vol. 2. 4°. London, 1801.

—, and **Dalby, Isaac.** An Account of the Operations carried on for accomplishing a Trigonometrical Survey of England and Wales; from the commencement in 1784 to 1796. Begun under the Direction of the Royal Society, and continued by order of the Hon. Board of Ordnance. 2 Vols. in 1. 4°. London, 1799.

**Mudge, William, Williams, Edward, and Dalby, Isaac.** An account of the Trigonometrical Survey carried on in the years 1791-4. By order of His Grace the Duke of Richmond. 4°. London, 1795.

**Mueller, F. Max.** Myths and Songs from the South Pacific by the Rev. W. W. Gill, with a preface by.— 8°. London, 1876.

**Mueller, Baron Ferdinand von.** Fragmenta Phytographiæ Australiæ. Vols. I. and II., IV.—XI. 8°. Melbourne, 1858-81.

— The Plants indigenous to the Colony of Victoria, described by.— Vol. I. Thalamifloræ. 2 Vols. 4°. Melbourne, 1860-65.

— *Eucalyptographia*: a descriptive Atlas of the Eucalypts of Australia and the adjoining Islands. Decades i.—x. 4°. Melbourne, 1879-84.

- Mueller, Baron Ferdinand von.** (*cont.*) Key to the System of Victorian Plants. Parts i. and ii.  
8°. Melbourne, 1885-88.
- Description and illustrations of the Myoporinous Plants of Australia. Vol. II. Lithograms.  
4°. Melbourne, 1886.
- Select Extra-tropical Plants, readily eligible for Industrial Culture or Naturalisation, with indications of their native countries and some of their uses. Seventh edition.  
8°. Melbourne, 1888.
- , and **Bentham, George.** *Flora Australiensis*: a description of the Plants of the Australian Territory. 7 Vols.  
8°. London, 1863-78.
- Muncke, G. W.** Ueber die Ausdehnung der Tropfbaren Flüssigkeiten durch wärme. 4°. Heidelberg, 1828.
- Munk, William.** The Roll of the Royal College of Physicians of London; comprising Biographical Sketches of all the Eminent Physicians whose names are recorded in the College Annals from 1518 to 1825. Second edition.  
3 Vols. 8°. London, 1878.
- Murchison, Charles.** Palæontological Memoirs and Notes of the late Hugh Falconer, with a Biographical Sketch of the Author. Compiled and edited by.—  
2 Vols. 8°. London, 1868.
- Murray, John, Tizard, T. H., Moseley, H. N., and Buchanan, J. Y.** Narrative of the Cruise of H.M.S. "Challenger," with a General Account of the Scientific Results of the Expedition. 2 Vols. in 3. 4°. London, 1882-5.  
(*Narr. Chall. Exp., Vol. i.*)
- Murray, Reginald A. F.** Geology and Physical Geography of Victoria.  
8°. Melbourne, 1887.  
(*Department of Mines Melbourne.*)
- Myer, Albert J.** A Manual of Signals for the use of Signal Officers in the Field, and for Military and Naval Students, Military Schools, &c. 8°. Washington, 1877.



**Naegele, C. F.** An Essay on the Mechanism of Parturition, from the German of.— By Edward Rigby, M.D.  
8°. London, 1829.

**Nageli, Carl.** On the Utricular Structures in the contents of Cells.  
8°. London, 1849.  
(*Ray Society.*)

— Memoir on the Nuclei, Formation and Growth of Vegetable Cells. Parts i. and ii. Translated by Arthur Henfrey.  
8°. London, 1846-9.  
(*Ray Society.*)

—, and **Schwendener, S.** The Microscope in Theory and Practice. Translated from the German of.—  
8°. London, 1887.

**Napier, Alex.** A Handbook of Physical Diagnosis. Comprising the Throat, Thorax, and Abdomen. By Dr. Paul Guttman. Translated from the third German edition by.—  
8°. London, 1879.  
(*New Sydenham Society.*)

**Neale, Richard.** The Medical Digest, being a means of ready reference to the principal contributions to Medical Science during the last thirty years.  
8°. London, 1877.  
(*New Sydenham Society.*)

**Neison, Edmund.** The Moon and the Condition and Configurations of its Surface.  
8°. London, 1876.

**Neubauer, C., and Vogel, J.** A Guide to the qualitative and quantitative Analysis of the Urine, designed especially for the use of Medical Men. Translated by William O. Markham. Fourth edition.  
8°. London, 1863.  
(*New Sydenham Society.*)

**Neugebauer, Franz Ludwig.** A new contribution to the History and Etiology of Spondylolisthesis. Translated by Fancourt Barnes, M.D.  
8°. London, 1888.  
(*New Sydenham Society.*)

**Neumayer, George.** Results of the Magnetic Survey of the Colony of Victoria, executed during the years 1858-64.  
4°. Mannheim, 1869.

- Neumayer, George, und Leichhardt, Otto.** Dr. Ludwig Leichhardt's Briefe an seine Angehörigen. Heraus. im Auftrage der Geographischen Gesellschaft in Hamburg. 8°. Hamburg, 1881.
- Newlands, John A. R.** On the Discovery of the Periodic Law and on the Relations among the Atomic Weights. 8°. London, 1884.
- Newman, H. W.** Extracts and Reports on the Lucknow or Wentworth Goldfield, near Orange, New South Wales. 8°. Orange, 1888.
- Newton, Sir Isaac.** Principia. Reprinted for Sir William Thompson and Hugh Blackburn from the third edition. [1726.] 4°. London, 1871.
- Newton, John.** The Fortifications of To-Day. Fire against Models of Coast Batteries and Parados. Horizontal and Curved Fire in Defence of Coasts. 4. Washington, 1883.
- Nicholson, Henry Alleyne.** A Manual of Palæontology for the use of Students, with a general introduction on the Principles of Palæontology. 8°. London, 1872.
- A Monograph of the British Stromatoporoids. (Palæontographical Society.) 4°. London, 1886.
- Nicol, James.** Elements of Mineralogy; containing a general introduction to the Science with descriptions of the Species. 8°. Edinburgh, 1858.
- Nicollet, M. et Brousseau, M.** Mémoire sur la mesure d'un arc du parallèle moyen entre le pôle et l'équateur. 8°. Paris, 1825.
- Nitzsch, Christian Ludwig.** Pterylography, translated from the German. Edited by P. L. Selater. (Ray Society.) 4°. London, 1867.
- Niemeyer, Felix von.** Clinical Lectures on Pulmonary Consumption. Translated from the second German edition by C. Bæumler. 8°. London, 1870. (New Sydenham Society.)

- Noad, Henry M.** A Manual of Electricity : including galvanism, magnetism, diamagnetism, electro-dynamics, magneto-electricity, and the electric telegraph. Fourth edition. 8°. London, 1859.
- Odling, William.** Chemical Method, notation, classification, and nomenclature, by Auguste Laurent. Translated by.— 8°. London, 1855.  
(*Cavendish Society.*)
- Oesterlen, F.** Medical Logic. Translated and edited by G. Whitley. 8°. London, 1855.  
(*Sydenham Society.*)
- Ogilvie, John.** The Comprehensive English Dictionary, explanatory, pronouncing, and etymological. 8°. London, 1877.
- Oken, Lorenz.** Elements of Physiophilosophy. From the German by Alfred Tulk. 8°. London, 1847.  
(*Ray Society.*)
- Olbers, Guilielmo.** Commentatio de Gradus Præcisionis computatione auctore Petro Andrea Hansen. 4°. 1830.
- Ord, William M.** Collected Works of Francis Sibson, M.D. Edited by.— 4 Vols. 8°. London, 1881.
- Ottley, Drewry.** Observations on Surgical Diseases of the Head and Neck. Selected from the Memoirs of the late Royal Academy of Surgery of France. Translated and edited by.— 8°. London, 1848.  
(*Sydenham Society.*)
- Owen, Sir Richard.** A Monograph on the Fossil Reptilia of the Cretaceous Formations, Part i. and Supplement ii., iii., and iv., complete. 4°. London, 1851-64.  
(*Palæontographical Society.*)
- Monograph on the Fossil Reptilia of the Wealden and Purbeck Formations. Complete, and Supplements No. iv.—ix. 4°. London, 1853-79.  
(*Palæontographical Society.*)
- Monographs on the British Fossil Reptilia from the Oolitic [Kimmeridge Clay] Formations. Parts i., ii., iii. 4°. London, 1861-69.  
(*Palæontographical Society.*)



- Owen, Sir Richard (cont.)** A Monograph of the Fossil Reptilia of the Liassic Formations. Parts i.—iii., complete.  
(Palaeontographical Society.) 4°. London, 1861-81.
- Monograph on the British Fossil Cetacea from the Red Crag. No. 1. 4°. London, 1870.  
(Palaeontographical Society.)
- Monograph of the Fossil Mammalia of the Mesozoic Formations. 4°. London, 1871.  
(Palaeontographical Society.)
- Monographs on the Fossil Reptilia of the Mesozoic Formations. Parts i.—iii. 4°. London, 1874-77.  
(Palaeontographical Society.)
- Researches on the Fossil Remains of the Extinct Mammals of Australia; with a notice of the Extinct Marsupials of England. 4°. London, 1877.  
Vol. I., Text. Vol. II., Plates.
- Memoirs on the Extinct Wingless Birds of New Zealand; with an appendix on those of England, Australia, Newfoundland, Mauritius, and Rodriguez. 4°. London, 1879.  
Vol. I., Text. Vol. II., Plates.
- Monograph on the Fossil Reptilia of the London Clay. Vol. II., Part i. 4°. London, 1880.  
(Palaeontographical Society.)
- , and **Bell, T.** Monograph on the Fossil Reptilia of the London Clay, [and of the Bracklesham and other Tertiary Beds.] Parts i. ii., and Supplement complete. 4°. London, 1849-59.  
(Palaeontographical Society.)
- Parker, William Kitchen.** A Monograph on the Structure and Development of the Shoulder-Girdle and Sternum in the Vertebrata. 4°. London, 1868.  
(Ray Society.)
- Report on the Development of the Green Turtle. (*Chelone viridis*, Schneider). 4°. London, 1880.  
(Zool., Chall. Exp., Vol. i., No. 5.)
- , **Jones, T. Rupert,** and **Brady, H. B.** A Monograph of the Foraminifera of the Crag. 4°. London, 1866.  
(Palaeontographical Society.)

**Parry, W. E., Foster, Henry, and Ross, J. C.** Observations and Experiments made at Port Bowen in the years 1824-25 on the Figure of the Earth, on Magnetism, and Atmospherical Refraction. 4°. London, 1826.

**Patterson, R. H.** The New Golden Age and influence of the Precious Metals upon the World.

2 Vols. in 1. 8°. London, 1882.

**Paulus Ægineta.** The Seven Books of.— Translated from the Greek with a Commentary embracing a complete view of the knowledge possessed by the Greeks, Romans and Arabians on all subjects connected with Medicine and Surgery, by Francis Adams. 3 Vols.

(Sydenham Society.)

8°. London, 1844-47.

**Peacock, R. A.** Saturated Steam the motive power in Volcanoes and Earthquakes; great importance of Electricity. Second edition. 8°. London, 1882.

**Pearson, Rev. W.** On the doubly-refracting property of Rock Crystal, considered as a principle of Micrometrical measurements when applied to a telescope.

4°. London, 1821.

**Pelseneer, Paul.** Report on the Pteropoda collected by H.M.S. "Challenger" during the years 1873-1876. Parts i., ii., and iii. 4°. London, 1887-88.

(Zool., Chall. Exp., Vols. xix. and xxiii.)

— Report on the Anatomy of the Deep-Sea Mollusca collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1888.

(Zool., Chall. Exp., Part 74.)

**Percy, John.** The Metallurgy of Lead, including desilverization and cupellation. 8°. London, 1870.

— Metallurgy: the art of extracting metals from their ores. Introduction, Refractory Materials and Fuel. Silver and Gold, Part i. 2 Vols.

8°. London, 1875-80.

- Perry, Charles J.** A brief Treatise on Collisions at Sea and Shipwrecks; being a research into the cause of those disasters, and an introduction of a preventive in the use of the patent Anti-Collision Dial and Shipwreck Preventor. 8°. Melbourne, 1860.
- Petermann, A.** See Mittheilungen.
- Pettigrew, J. Bell.** Animal Locomotion, or Walking, Swimming, and Flying, with a dissertation on Aëronautics. Second edition. 8°. London, 1874.
- Philip, A. P. W.** Some observations on the effects of dividing the Nerves of the Lungs, and subjecting the latter to the influence of voltaic electricity. 4°. London, 1827.
- Some observations relating to the Function of Digestion. 4°. London, 1828.
- Observations on the Functions of the Nervous System. 4°. London, 1829.
- On the Sources and Nature of the Power on which the Circulation of the Blood depends. 4°. London, 1831.
- Phillips, John.** A Monograph of British Belemnitidæ. Parts i.—v. 4°. London, 1865-70.  
(Palæontographical Society.)
- Manual of Geology, Theoretical and Practical. Part i. Physical Geology and Palæontology, edited by H. G. Seeley, and Part ii. Stratigraphical Geology and Palæontology, edited by Robert Etheridge. 2 Vols. 8°. London, 1885.
- Phillips, William.** A Manual of the British Discomycetes with descriptions of all the species of Fungi hitherto found in Britain, included in the family, and illustrations of the genera. 8°. London, 1887.
- Pictet, Prof.** Description d'une Lunette a Monture equatoriale, avec un procédé nouveau pour éclairer les fils du Micromètre sans que le champ de la lunette reçoive de lumière. 8°. Genève, 1823.



- Pillsbury, J. E.** Reported Dangers to Navigation in the Pacific Ocean inclusive of Anstralia and the East Indian Archipelago. Part ii. 8°. Washington, 1879.  
(U.S. Hydrographic Office.)
- Pidgin, Charles F.** History of the Bureau of Statistics of Labour of Massachusetts and of Labour Legislation in that State from 1833 to 1876. 8°. Boston, 1876.
- Pirmez, Octave.** Jours de Solitude, édition posthume publiée d'après le vœu de l'auteur. 8°. Paris, 1883.
- Plana, M.** Note sur un Mémoire de M. de Laplace, ayant pour titre. Sur les deux grandes Inégalités de Jupiter et Saturne. 4°. Paris, 1829.
- Mémoire sur le Développement des Termes du Cinquième Ordue qui font partie du coefficient de la grande inégalité de Jupiter et Saturne. 4°. Turin, 1832.
- Platt, Franklin, and W. G.** Report of Progress in the Cambria and Somerset District of the Bituminous Coal Fields of Western Pennsylvania. 8°. Harrisburg, 1877.  
(Second Geological Survey of Pennsylvania.)
- Platt, Franklin.** A special report to the Legislature upon the Causes, Kinds and Amount of Waste in Mining Anthracite. With a chapter on the Methods of Mining by John Price Wetherill. 8°. Harrisburg, 1881.  
(Second Geological Survey of Pennsylvania.)
- Pliny (Plinius Secundus).** Historiæ Mundi libri xxxvii. Folio, Lugduni, 1548.
- Pogson, Norman Robert.** Results of Observations of the Fixed Stars made with the Meridian Circle at the Government Observatory, Madras, in the years 1862-4. 4°. Madras, 1887.
- Poinsot, L.** Elémens de Statique, suivis d'un mémoire sur la théorie des momens et des aires; ouvrage adopté pour l'instruction publique. 8°. Paris, 1821.
- Poisson, M.** Mémoire sur la Distribution de la Chaleur dans les Corps solides. 4°. Paris, 1815.

- Poisson, M. (cont.)** Mémoire sur le Mouvement de Fluides  
Elastiques dans des Tuyaux Cylindriques, et sur la  
Théorie des Instrumens à Vent. 4°. Paris, 1819.
- Mémoire sur la Théorie du Magnétisme. 4°, Paris, 1824.
- Mémoire sur la Théorie du magnétisme en mouvement. 4°. Paris, 1826.
- Extrait d'un Mémoire de M. Poisson sur le Mouve-  
ment de la Terre autour de son centre de gravité. 8°. Paris, 1827.
- Mémoire sur le Mouvement de la Terre autour de son  
centre de Gravité. 4°. Paris, 1827.
- Mémoire sur l'équilibre et le Mouvement des Corps  
elastiques. 4°. Paris, 1828.
- Note sur le Problème des Ondes. 4°. Paris, 1828.
- Mémoire sur les Movements Simultanés d'un Pendule  
et de l'air environnant. 4°. Paris, 1831.
- Polejaeff, N.** Report on the Calcareous dredged by H.M.S.  
"Challenger" during the years 1873-76. 4°. London, 1883.  
(Zool., Chall. Exp., Part 24.)
- Report on the Keratosa collected by H.M.S. "Chal-  
lenger" during the years 1873-76. 4°. London, 1884.  
(Zool., Chall. Exp., Part 31.)
- Pond, John.** On the Latitude of the Royal Observatory of  
Greenwich. 4°. London, 1825.
- Poole, William F.** An Index to Periodical Literature. Third  
edition brought down to January 1882 with the assist-  
ance as associate editor of W. J. Fletcher. 4°. Boston, 1882.
- Poore, G. V.** Selections from the Clinical Works of Dr.  
Duchenne (de Boulogne). Translated, edited, and  
condensed by.— 8°. London, 1883.  
(New Sydenham Society.)
- Posnett, Hutcheson Macaulay.** Comparative Literature. 8°. London, 1886.

- Pouchet, Georges.** The Plurality of the Human Race.  
Translated and edited from the second edition by Hugh  
J. C. Beavan. 8°. London, 1864.  
(*Anthropological Society.*)
- Powell, J. W.** Annual Reports of the United States Geological Survey to the Secretary of the Interior, 1880-5.  
6 Vols. 4°. Washington, 1882-5.
- Reports of the Bureau of Ethnology to the Secretary of the Smithsonian Institution 1879-1883.  
4 Vols. 8°. Washington, 1881-86.
- Power, H.** Manual of Human and Comparative Histology.  
Edited by S. Stricker. Translated by.—  
3 Vols. 8°. London, 1870-3.  
(*New Sydenham Society.*)
- Powrie, James, and Lankester, E. Ray.** A Monograph of the Fishes of the Old Red Sandstone of Britain. Part i.  
4°. London, 1868-70.  
(*Palaeontographical Society.*)
- Pratt, D. J.** Report of the Regents of the University on the Boundaries of the State of New York.  
Vol. 2. 8°. Albany, 1884.
- Prime, Frederick, Junr.** The Brown Hematite Deposits of the Siluro-Cambrian Limestones of Lehigh County.  
8°. Harrisburg, 1878.  
(*Second Geological Survey of Pennsylvania.*)
- Pritchard, Andrew.** A History of Infusoria, including the Desmidiaceæ and Diatomiaceæ, British and Foreign.  
Fourth edition. 8°. London, 1861.
- Prochaska, George.** A dissertation on the Functions of the Nervous System. 8°. London, 1851.  
(*Sydenham Society.*)
- Proctor, Richard A.** Saturn and its System. 8°. London, 1865.
- The Sun: Ruler, Fire, Light and Life of the Planetary System. Third edition. 8°. London, 1876.
- A Star Atlas for Students and Observers showing 6,000 Stars and 1,500 Double Stars, Nebulæ &c., in twelve Maps on the equidistant projection: with Index Maps on the stereographic projection. Fourth edition.  
Folio, London, 1877.



**Proctor, Richard A. (cont.)** A treatise on the Cycloid and all forms of Cycloidal Curves and on the Use of such Curves in dealing with the Motions of Planets, Comets &c., and of Matter projected from the Sun. 8°. London, 1878.

— Other Worlds than Ours: the plurality of Worlds, studied under the light of recent scientific researches. Fourth edition. 8°. London, 1878.

— Knowledge: an illustrated Magazine of Science, Literature and Art. Conducted by.— Vols. I.—XI. Vol. IX., commences a New Series. 4°. London, 1882-8.

**Putman, Frederick W.** Reports upon Archæological and Ethnological Collections from vicinity of Santa Barbara, California, and from ruined Pueblos of Arizona and New Mexico, and certain Interior Tribes. (U.S. Geographical Surveys, West of the 100th Meridian.) 4°. Washington, 1879.

**Quaritch, Bernard.** A General Catalogue of Books. Vols. I.—VI. 4°. London, 1887.

- Vol. 1. Manuscripts, Science, Periodicals, Romances.
- „ 2. Music, Games, Bibliography, Fine Arts.
- „ 3. History, Numismatics, Bibles, Classics, Philology.
- „ 4. English, French, German, Italian, Spanish, Portuguese.
- „ 5. Geography, Travels, American and Oriental Languages.
- „ 6. Manuscripts and Topographical Monuments.

**Quatrefages, A. de.** The Human Species. 8°. London, 1879.

**Quekett, John.** Lectures on Histology delivered at the Royal College of Surgeons of England in the Session of 1850-51. Elementary tissues of Plants and Animals. 8°. London, 1852.

**Quelch, John J.** Report on the Reef Corals collected by H.M.S. “Challenger” during the years 1873-76. (Zool., Chall. Exp., Part 46.) 4°. London, 1886.

**Quetelet, A.** Résumé d'une Nouvelle Théorie des Caustiques suivi de différentes applications a la Théorie des Projections Stéréographiques. 4°. Paris, 1825.

— Recherches sur L' Intensité Magnétique de differens lieux de L'Allemagne et des Pays-Bas. 4°. Bruxelles, 1830.

**Quetelet, A. (cont.)** Recherches sur L'Intensité Magnétique en Suisse et en Italie. 4°. Bruxelles, 1831.

**Radicke, Prof.** On the application of Statistics to Medical Enquiries. Translated by Francis T. Bond. 8°. London, 1861.  
(*New Sydenham Society.*)

**Raguse, Duc de.** Rapport sur un ouvrage de M. Ch. Dupin, ayant pour titre : voyage en Angleterre ; essai sur les progrès de l' Artillerie et du Génie Militaire ; dans la Grande-Bretagne. 8°. Paris, 1818.

**Ramsay, A. C.** The Physical Geology and Geography of Great Britain. Six Lectures to Working Men delivered in the Royal School of Mines in 1863. Second edition. 8°. London, 1864.

**Randolph, Charles.** Report (Eighteenth Annual) of the Trade and Commerce of Chicago for the year 1875, compiled for the Board of Trade by.— 8°. Chicago, 1876.

**Rangoni, Luigi Marchese.** Estratto di Due Memorie Sulle Funzioni Generatrici. 4°. Pavia, 1826.

**Rankine, W. J. Macquorn.** Useful Rules and Tables relating to Mensuration, Engineering, Structures, and Machines. Fifth edition, thoroughly revised, by E. F. Bamber. 8°. London, 1876.

—— Miscellaneous Scientific Papers by.— From the Transactions and Proceedings of the Royal and other Scientific Societies, and the Scientific Journals. With a Memoir of the Author by P. G. Tait. Edited by W. J. Miller. 8°. London, 1881.

**Rau, Charles.** The Archæological Collection of the United States National Museum, in charge of the Smithsonian Institution, Washington, D.C. 4°. Washington, 1876.  
(*Smithsonian Contributions to Knowledge, Vol. xxii.*)

—— The Palenque Tablet in the United States National Museum, Washington, D.C. 4°. Washington, 1879.  
(*Smithsonian Contributions to Knowledge, Vol. xxii.*)

**Rau, Charles** (*cont.*) Observations on Cup-shaped and other Lapidarian Sculpture in the Old World and in America. 4°. Washington, 1881.

(*U.S. Geographical and Geological Survey of the Rocky Mountain Region.*)

— Prehistoric Fishing in Europe and North America 4°. Washington, 1885.

(*Smithsonian Contributions to Knowledge, Vol. xxv.*)

**Rath, G. von.** Naturwissenschaftliche Studien. Erinnerungen an die Pariser Weltausstellung 1878. (Sections étrangères.) 8°. Bonn, 1879.

**Ray, John.** Memorials of.— Consisting of His Life by Dr. Derham; Biographical and critical notices by Sir J. E. Smith, Cuvier, and Dupetit Thouars, with his Itineraries. Edited by Edwin Lankester.

(*Ray Society.*)

8°. London, 1846.

— The Correspondence of.— Consisting of selections from the Philosophical Letters published by Dr. Derham, and original Letters of John Ray, in the collection of the British Museum. Edited by Edwin Lankester.

(*Ray Society.*)

8°. London, 1848.

**Raynaud, Maurice.** On Local Asphyxia and Symmetrical Gangrene of the Extremities. Translated by Thomas Barlow, M.D. 8°. London, 1888.

(*New Sydenham Society.*)

**Rees, Abraham.** Cyclopædia: or an Universal Dictionary of Arts and Sciences by E. Chambers. With the Supplement and Modern Improvements incorporated in one Alphabet by—. 4 Vols. Folio. London, 1786.

**Reichenbach, L.** Index zu L. Reichenbach's Ornithologischen Werken zusammengestellt von A. B. Meyer.

8°. Berlin, 1879.

**Reid, J. H.** An Essay on New South Wales, the Mother Colony of the Australias. 8°. Sydney, 1876.

(*Government Printing Office, N.S.W.*)

**Redwood, Theophilus, and Bell, Jacob.** Historical Sketch of the Progress of Pharmacy in Great Britain.

(*Pharmaceutical Society of Great Britain.*)

8°. London, 1880.



- Renard, Rev. A.** Report on the Petrology of the Rocks of St. Paul's (Atlantic). 4°. London, 1882.  
(*Narr. Chall. Exp.*, Vol. ii.)
- Reynolds, J. Russell.** A System of Medicine. Edited by.— Third edition. 5 Vols. 8°. London, 1876-79.
- Rhazes.** A Treatise on the Small-Pox and Measles, by Abú Beer Mohammed Ibn Zacaríyá Ar-rází (commonly called RHAZES). Translated from the original Arabic by W. A. Greenhill. 8°. London, 1848.  
(*Sydenham Society*.)
- Rhees, William J.** The Smithsonian Institution; Documents Relative to its Origin and History. Edited by.— (Smithsonian Miscellaneous Collections, Vol. xvii.)
- Ribot, Th.** Diseases of Memory: an essay in the positive Psychology. 8°. London, 1882.
- Riddle, Edward.** On Deducing the Longitude from an observed Occultation of a Fixed Star by the Moon. 8°. London, 1830.
- Ridgway, Robert.** Ornithology. 4. Washington, 1877.  
(*U.S. Geological Exploration of the Fortieth Parallel*.)
- Ridley, Stuart O., and Dendy, Arthur.** Report on the Monaxonida collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1887.  
(*Zool.*, *Chall. Exp.*, Part 59.)
- Ridley, Rev. William.** Kámilarói, and other Australian Languages. Second edition, revised and enlarged by the Author; with comparative tables of words from twenty Australian Languages, and Songs, Traditions, Laws and Customs of the Australian Race. 4°. Sydney, 1875.
- Rigby, Edward.** An Essay on the Mechanism of Parturition, from the German of C. F. Naegelé. 8°. London, 1829.
- Rindfleisch, Edward.** A Manual of Pathological Histology to serve as an introduction to the Study of Morbid Anatomy. Translated by E. A. Baxter. 2 Vols. 8°. London, 1872-3.  
(*New Sydenham Society*.)

- Ritchie, William.** On a new Photometer, founded on the Principles of Bouguer. 4°. Edinburgh, 1826.
- On a New form of the Differential Thermometer, with some of its applications. 4°. London, 1827.
- On the Permeability of transparent Screens of extreme tenuity by Radiant Heat. 4°. London, 1827.
- Examination of the Electric and Chemical Theories of Galvanism. 4°. London, 1829.
- On the Elasticity of Threads of Glass, and its application to Torsion Balances. 4°. London, 1830.
- Experimental Researches in Voltaic Electricity and Electro-Magnetism. 4°. London, 1832.
- Robertson, David, Brady, G. S., and Crosskey, Rev. H. W.** A Monograph of the Post-Tertiary Entomostraca of Scotland including species from England and Ireland. 4°. London, 1874.  
(Palaeontographical Society.)
- Robinson, Rev T. R.** On correcting Errors of the Astronomical Circle by Opposite Readings. 4°. Dublin, 1825.
- On correcting Observations made with Equatorial Instruments. 4°. Dublin, 1825.
- Determination of the Longitude of the Armagh Observatory from observed Transits of the Moon and Moon-Culminating Stars. 4°. Dublin, 1830.
- Robison, John.** Notice regarding a Time-keeper in the Hall of the Royal Society of Edinburgh. 4°. Edinburgh, 1831.
- Roche, Harriet A.** On Trek in the Transvaal : or over Berg and Veldt in South Africa. 8°. London, 1878.
- Rodwell, G. Farrer.** Haydn's Dictionary of Science. Edited by.— 8°. London, n.d.
- Rogers, Rev. Charles.** Genealogical Memoirs of the Family of Sir Walter Scott, Bart. With a reprint of his Memorials of the Haliburtons. 8°. London, 1877.  
(Royal Historical Society.)

- Rohrig, Ernst, and Crookes, William.** A practical treatise on Metallurgy, adapted from the last German edition of Professor Kerl's Metallurgy.  
3 Vols. 8°. London, 1868-70.
- Rogers, J. W.** Grammar and Logic in the Nineteenth Century as seen in a Syntactical Analysis of the English Language.  
8°. Melbourne, 1883.
- Rokitansky, Carl.** A Manual of Pathological Anatomy.  
(Sydenham Society.) 4 Vols. 8°. London, 1852-4.
- Romanes, G. J.** Animal Intelligence. 8°. London, 1882.
- The Scientific Evidences of Organic Evolution.  
8°. London, 1882.
- Jelly-Fish, Star-Fish and Sea-Urchins, being a research on Primitive Nervous Systems. 8°. London, 1885.
- Romberg, Moritz Heinrich.** A Manual of the Nervous Diseases of Man. Translated and edited by E. H. Sieveking, M.D.  
(Sydenham Society.) 2 Vols. 8°. London, 1853.
- Rood, Ogden N.** Modern Chromatics with applications to Art and Industry. Second edition. 8°. London, 1883.
- Rosenthal, I.** General Physiology of Muscles and Nerves.  
8°. London, 1881.
- Ross, J. C., Parry, W. E., and Foster, H.** Observations and Experiments made at Port Bowen in the years 1824-25 on the Figure of the Earth, on Magnetism, and Atmospherical Refraction. 4°. London, 1826.
- Ross, William.** Lectures on Comparative Anatomy. Translated from the French of G. Cuvier, by.— Under the inspection of James Macartney. 2 Vols.  
8°. London, 1802.
- Roth, Henry Ling.** A sketch of the Agriculture and Peasantry of Eastern Russia. 8°. London, 1878.
- Notes on Continental Irrigation. 8°. London, 1882.



- Rothrock, J. F.** Reports upon the Botanical Collections made in portions of Nevada, Utah, California, Colorado, New Mexico, and Arizona, during the years 1871-75.  
(U.S. Geographical Surveys West of the 100th Meridian.) 4. Washington, 1878.
- Routledge, Robert.** Discoveries and Inventions of the Nineteenth Century. 8°. London, 1877.
- Rumsey, H. W.** Essays on State Medicine.  
8°. London, 1856.
- Russell, H. C.** Abstract of Meteorological Observations made in New South Wales up to the end of 1869 ; with Remarks on the Climate. 8°. Sydney, 1871.  
(Sydney Observatory.)
- Results of Meteorological Observations made in New South Wales during the years 1870-1879, inclusive, 1885-86. 8°. Sydney, 1873-88.  
(Sydney Observatory.)
- Climate of New South Wales : Descriptive, Historical and Tabular. 8°. Sydney, 1877.  
(Sydney Observatory.)
- Results of Rain, River, and Evaporation Observations made in New South Wales during the years 1878-87. 8°. Sydney, 1879-88.  
(Sydney Observatory.)
- Results of Astronomical Observations made at the Sydney Observatory, New South Wales in the years 1877 and 1878, under the direction of.— 8°. Sydney, 1881.  
(Sydney Observatory.)
- Results of the Double Star Measures made at the Sydney Observatory, New South Wales, 1871 to 1881, under the direction of.— 8°. Sydney, 1882.  
(Sydney Observatory.)
- Scientific papers (Astronomical and Meteorological) read before the Royal Society of New South Wales, 1869 to 1888. 2 Vols. 8°. Sydney, nd.
- Scientific papers read before the Australasian Association for the Advancement of Science in August and September, 1888. 8°. Sydney, 1889.

**Russell, Israel Cook.** Sketch of the Geological History of Lake Lahontan, a Quaternary Lake of North-western Nevada. 4°. Washington, 1883.

(U.S. Geological Survey, 3rd Report.)

— A Geological Reconnaissance in Southern Oregon.

(U.S. Geological Survey, 4th Report.)

4°. Washington, 1884.

— Existing Glaciers of the United States.

(U.S. Geological Survey, 5th Report.)

4°. Washington, 1885.

— Geological History of Lake Lahontan a Quaternary Lake of North-western Nevada.

(U.S. Geological Survey, Monograph xi.)

4°. Washington, 1885.

**Ryder, John A.** A sketch of the Life-history of the Oyster. (Appendix ii.) 4°. Washington, 1884.

(U.S. Geological Survey, 4th Report.)

**Sabine, Sir Edward.** An Account of Experiments to Determine the Acceleration of the Pendulum in different Latitudes.

4°. London, 1821.

— An Account of Experiments to determine the Figure of the Earth by means of the Pendulum Vibrating Seconds in Different Latitudes; as well as on various other subjects of Philosophical Inquiry.

4°. London, 1825.

— An Account of the Arcs perpendicular to the Meridian, which are now measuring on the Continent of Europe.

8°. London, 1827.

— On the Reduction to a Vacuum of Captain Kater's Convertible Pendulum.

4°. London, 1829.

— On the Reduction to a Vacuum of the Vibrations of an Invariable Pendulum.

4°. London, 1829.

**Sacken, C. R. Osten.** Catalogue of the Described Diptera of North America. 8°. Washington, 1878.

(Smithsonian Miscellaneous Collections, Vol. xvi.)

**Safford, T. H., Kampf, F., Clark, John H., Maryatt, W. W., and Marshall, W. L.** Reports upon the Astronomical Determinations at Main Stations in Nevada, Utah, Montana, Wyoming, Nebraska, Colorado, and New Mexico, occupied in the years 1872-74, Part i. Results in Barometric Hypsometry obtained during the years 1871-75, Part ii. 4°. Washington, 1877.

(U.S. Geographical Surveys, West of the 100th Meridian.)

**Salisbury, Rollin D., and Chamberlain, Thomas C.** Preliminary Paper on the Driftless Area of the Upper Mississippi Valley. 4°. Washington, 1885.

(U.S. Geological Survey 6th Report.)

**Salter, J. W.** A Monograph of the British Trilobites from the Cambrian Silurian and Devonian Formations. Parts i.—v., complete. 4°. London, 1864-83.

(Palaeontographical Society.)

**Sandford, W. A., and Dawkins, W. Boyd.** Monograph of the British Mammalia of the Pleistocene Period. Parts i.—vi. 4°. London, 1866-87.

(Palaeontographical Society.)

**Sars, G. O.** Report on the Schizopoda collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1885.

(Zool., Chall. Exp., Part 37.)

— Report on the Cnrmacea collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1887.

(Zool., Chall. Exp., Part 55.)

— Report on the Phyllocarida collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1887.

(Zool., Chall. Exp., Part 56.)

**Sawyer, F. E., and Graham, S. L.** The Navigation of the Caribbean Sea and Gulf of Mexico. Vol. I.

8°. Washington, 1888.

(U.S. Hydrographic Office.)

**Schellen, H.** Spectrum Analysis in its application to Terrestrial substances, and the Physical constitution of the Heavenly bodies. Translated from the second enlarged and revised German edition by Jane and Caroline Lassell. Edited with notes, by William Huggins, LL.D., F.R.S. 8°. London, 1872.



- Schmeltz, J. D. E., and Krause, R.** Die Ethnographisch-Anthropologische Abtheilung des Museum Godeffroy in Hamburg. Ein Beitrag zur Kunde der Südsee-Völker. 8°. Hamburg, 1881.
- Schmidt, Adolf.** Atlas der Diatomaceen-Kunde. In Verbindung mit den Herren Gründler, Grunow, Janish, Weissflog und Witt. Heraus. von.— Heft 1—30. Folio. Asehersleben, 1876-86.
- Schmidt, Oscar.** The Doctrine of Descent and Darwinism. 8°. London, 1875.
- Die Spongien des Meerbusen von Mexieo (und des Caraibisehen Meeres). Parts i. and ii., complete. (Museum of Comp. Zoology, Cambridge, Mass.) Felio. Jena, 1879-80.
- The Mammalia in their relation to Primeval Times. 8°. London, 1885.
- Schott, Charles A.** Tables and Results of the Preeipitation, in Rain and Snow, in the United States: and at some Stations in adjacent parts of North Ameriea, and in Central and South Ameriea. Collected by the Smithsonian Institution, and Discussed under the DIRECTION of Joseph Henry and Speneer F. Baird, Seeretaries. Second edition. 4°. Washington, 1885.  
(Smithsonian Contributions to Knowledge, Vol. xxiv.)
- Schutzenberger, P.** On Fermentation. 8°. London, 1876.
- Schulze, F. E.** Report on the Hexaetinellida collected by H.M.S. "Challenger" during the years 1873-76. 2 Vols. 4°. London, 1886.  
(Zool., Chall. Exp., Part 53.)
- Schwann, Th., and Schleiden, M. J.** Microseopieal Researches into the aceordance in the structure and growth of Animals and Plants. Translated from the German by Henry Smith, F.R.C.S. 8°. London, 1847.  
(Sydenham Society.)
- Schwendener, S., and Naegeli, Carl.** The Microscope in Theory and Practice. Translated from the German of.— 8°. London, 1887.
- Slater, Philip Lutley.** Nitzseh's Pterylography. Translated from the German. Edited by.— 4°. London, 1867.  
(Ray Society.)

- Selater, Philip Lutley** (*cont.*) Report on the Birds collected during the voyage of H.M.S. "Challenger" in the years 1873-76. 4°. London, 1881.  
(*Zool., Chall. Exp., Part 8.*)
- Scott, John, and Douglas, John William.** The British Hemiptera.  
Vol. I.—Hemiptera—Heteroptera. 8°. London, 1865.  
(*Ray Society.*)
- Scott, R. H.** Elementary Meteorology. 8°. London, 1883.
- Scott, Sir Walter.** Genealogical Memoirs. See *Rogers*.
- Scudder, Samuel H.** Catalogue of Scientific Serials of all countries including the transactions of learned societies in the natural, physical and mathematical sciences, 1633—1876. 8°. Cambridge, 1879.  
(*Library of Harvard University.*)
- Seeley, Harry Govier.** Manual of Geology, Theoretical and Practical by John Phillips.  
Part i.—Physical Geology and Palæontology, edited by H. G. Seeley.  
Part ii.—Stratigraphical Geology and Palæontology, edited by R. Etheridge.  
2 Vols. 8°. London, 1885.
- Seguin, Frères, E. Biot et C<sup>ie</sup>.** Mémoire sur le Chemin de Fer de St. Etienne à Lyon, par St. Chamond, Rive-de-Gier et Givors. 4°. Paris, 1826.
- Seguin, (l'ainé).** Des Ponts en Fil de Fer. Seconde édition. 4°. Paris, 1826.
- Selenka, Emil.** Report on the Gephyrea collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1885.  
(*Zool., Chall. Exp., Part 36.*)
- Semper, Karl.** The Natural Conditions of Existence as they affect Animal Life. 8°. London, 1881.
- Semple, Robert Huntley.** Memoirs on Diphtheria. From the writings of Bretonneau, Guersant, Trousseau, Bouchut, Empis, and Daviot. Selected and translated by.— With a Bibliographical Appendix, by John Chatto. 8°. London, 1859.  
(*New Sydenham Society.*)

- Senator, H.** Albuminuria in Health and Disease. Translated by Dr. T. P. Smith. 8°. London, 1884.  
(*New Sydenham Society.*)
- Shakespeare, Edward O.** The Nature of Reparatory Inflammation in Arteries after Ligature, Acupressure and Torsion. 8°. Washington, 1879.  
(*Smithsonian Miscellaneous Collections, Vol. xvi.*)
- Shaler, Nathaniel S.** Preliminary Report on Sea-Coast Swamps of the Eastern United States. 4°. Washington, 1885.  
(*U.S. Geological Survey, 6th Report.*)
- Sharpe, Daniel.** Description of the Fossil Remains of Mollusca found in the Chalk of England. Parts i., ii., iii., complete. 4°. London, 1853-56.  
(*Palaeontographical Society.*)
- Sherborn, C. Davies, and Jones, T. Rupert.** A supplementary Monograph of the Tertiary Entomostraca of England. 4°. London, 1889.  
(*Palaeontographical Society.*)
- Shillinglaw, John J.** Historical Records of Port Phillip: the First Annals of the Colony of Victoria. Edited by.— 8°. Melbourne, 1879.  
(*Government of Victoria.*)
- Sibson, Francis.** Collected Works. Edited by W. M. Ord, M.D. 4 Vols. 8°. London, 1881.
- Sidgwick, Alfred.** Fallacies, a view of Logic from the practical side. 8°. London, 1883.
- Siebold, Carl Theodor von.** On Tape and Cystic Worms, with an introduction on the Origin of Intestinal Worms. Translated by Thomas Huxley, F.R.S. 8°. London, 1857.  
(*Sydenham Society.*)
- Sieveking, E. H.** A Manual of the Nervous Diseases of Man by M. H. Romberg, M.D. Translated and edited by.— 2 Vols. 8°. London, 1853.  
(*Sydenham Society.*)
- Silliman, B.** See *American Journal of Science and Arts.*
- Simms, William.** The Achromatic Telescope, and its various mountings, especially the Equatorial. To which are added some hints on private observatories. 8°. London, 1852.



- Simon, J. Franz.** Animal Chemistry with reference to the Physiology and Pathology of Man. Translated and edited by G. E. Day. 2 Vols. 8°. London, 1845-6.  
(Sydenham Socie
- Simpson, Thomas.** The Doctrine and Application of Fluxions. Part ii. 8°. London, 1750.
- Slack, H. J.** The Microscope and its Revelations, by W. B. Carpenter, M.D. Fifth edition prepared with the assistance of.— 8°. London, 1875.
- Sladen, W. Percy.** Report on the Asteroidea collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1889.  
(Zool., Chall. Exp., Part 51.)
- Smellie, William.** Treatise on the theory and practice of Midwifery. Edited with annotations, by A. H. McClintock. 3 Vols. 8°. London, 1876-8.  
(New Sydenham Society.)
- Smith, Edgar A.** Report on the Lamellibranchiata collected by H.M.S. "Challenger," during the years 1873-76. 4°. London, 1885.  
(Zool., Chall. Exp., Part 35.)
- Report on the Heteropoda collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1888.  
(Zool., Chall. Exp., Part 72.)
- Smith, Edward.** Foods. Fifth edition. 8°. London, 1877.
- Smith, Henry.** Microscopical Researches into the accordance in the structure and growth of Animals and Plants. Translated from the German of Dr. Th. Schwann and Dr. M. J. Schleiden, by.— 8°. London, 1847.  
(Sydenham Society.)
- Smith, R. Angus.** A Centenary of Science in Manchester (in a series of Notes). 8°. London, 1883.  
(Literary and Philosophical Society of Manchester.)
- Smith, T. P.** Albuminuria in Health and Disease, by Dr. H. Senator. Translated by.— 8°. London, 1884.  
(New Sydenham Society.)

- Smyth, R. Brough.** The Gold Fields and Mineral Districts of Victoria, with notes on the modes of occurrence of gold and other metals and minerals.  
(Government Printer, Melbourne.) 4°. Melbourne, 1869.
- The Aborigines of Victoria: with notes relating to the habits of the Natives of other parts of Australia and Tasmania. Compiled from various sources for the Government of Victoria. 2 Vols. 4°. Melbourne, 1878.  
(Government Printer, Melbourne.)
- Smyth, C. Piazzi.** Astronomical Observations made at the Royal Observatory, Edinburgh. Vols. XIV., XV., for 1870—1886. Obl. 4°. Edinburgh, 1877-86.  
(Royal Observatory, Edinburgh.)
- Madeira Spectroscopic: being a revision of 21 places in the Red Half of the Solar Visible Spectrum, with a Rutherford diffraction grating at Madeira, during the summer of 1881. 4°. Edinburgh, 1882.  
(Royal Observatory, Edinburgh.)
- Micrometrical Measures of Gaseous Spectra under high dispersion. 4°. Edinburgh, 1886.
- Sollas, W. J.** Report on the Tetractinellida collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1888.  
(Zool., Chall. Exp., Part 63.)
- Sonnenschein, W. S.** The Best Books. A Readers' Guide to the choice of the best available books (about 25,000) in every department of science, art and literature, with the dates of the first and last editions, and the prices, sizes and publisher's name of each book. A contribution towards Classified Bibliography. 4°. London, 1887.
- South, James.** Observations on the Collimation Adjustment of a Transit Instrument &c., &c. 4°. London, 1823.
- Examination of the Large Achromatic of the Royal Observatory at Paris. 8°. London, 1825.
- On the discordances between the Sun's observed and computed right ascensions, as determined at the Blackman Street Observatory during the years 1821 and

**South, James** (*cont.*)

1822; with experiments to show that they did not originate in instrumental derangement. Also a description of the seven-feet Transit with which the observations were procured &c. 4°. London, 1826.

— On the Occultation of  $\delta$  Piscium by the Moon, observed in Blackman Street [London] in the Month of February 1821, with references to recorded observations of occultations, in which peculiarities have been apparently seen, either at the Moons' Limb or upon her disk &c. 4°. London, 1829.

—, and **Herschel, J. F. W.** Observations of the apparent distances and positions of 380 Double and Triple Stars, made in the years 1821-23 and compared with those of other Astronomers; also a description of a five feet Equatorial Instrument employed in the observations. 4°. London, 1825.

**South, John F.** A System of Surgery, by J. M. Chelius. Translated from the German and accompanied with additional notes and observations. 2 Vols. 8°. London, 1847.

**Sowerby, James.** The British Miscellany: or Coloured Figures of new, rare, or little known Animal Subjects; many not before ascertained to be inhabitants of the British Isles. 8°. London, 1804-6.

**Spencer, Herbert.** The Study of Sociology. Sixth edition. 8°. London, 1877.

**Spiegelberg, Otto.** A Text Book of Midwifery. By the late.— Translated from the second German edition by J. B. Hurry, M.D. Vol. 1. 8°. London, 1887.  
(*New Sydenham Society.*)

**Sprague, John T.** Electricity: its theory, sources, and applications. 8°. London, 1875.

**Sprat, Tho.** The History of the Royal Society of London, for the Improving of Natural Knowledge. The Fourth Edition. 4°. London, 1734.



**Stainton, H. T.** The Larvæ of the British Butterflies and Moths. By (the late) William Buckler. Edited by.—  
(Ray Society.) Vols. I.—III. 8°. London, 1886-9.

**Stål, Carolus.** Hemiptera Africana, descripsit. (4 Vols. in 1.) 8°. Holmiæ, 1864-6.

**Stallo, J. B.** The Concepts and Theories of Modern Physics. 8°. London, 1882.

**Stebbing, Rev. Thomas R. R.** Report on the Amphipoda collected by H.M.S. "Challenger" during the years 1873-76. 3 Vols. 4°. London, 1888.  
(Zool., Chall. Exp., Part 67.)

**Steenstrup, Joh. Japetus Smith.** On the Alteration of Generations; or, the propagation and development of Animals through alternate Generations. Translated from the German version of C. H. Lorenzen, by George Busk. 8°. London, 1845.  
(Ray Society.)

**Stevenson, David.** Life of Robert Stevenson, Civil Engineer. 8°. Edinburgh, 1878.

**Stevenson, John J.** Report upon Geological Examinations in Southern Colorado, and Northern New Mexico during the years 1878 and 1879. With an appendix upon the Carboniferous Invertebrate Fossils of New Mexico prepared by C. A. White, M.D. 4°. Washington, 1881.  
(U.S. Geographical Surveys, West of the 100th Meridian.)

**Stevens, Isaac I.** Narrative and Final Report of Explorations for a Route for a Pacific Railroad from St. Paul to Puget Sound. 4°. Washington, 1855.  
(U.S. Railway Survey, Mississippi River to Pacific Ocean.)

**Stewart, Alexander P.** Some considerations on the Nature and Pathology of Typhus and Typhoid Fever. Edited by W. Cayley. 8°. London, 1884.  
(New Sydenham Society.)

**Stewart, Balfour.** The Conservation of Energy, being an elementary treatise on Energy and its Laws. Fourth edition. 8°. London, 1877.

**Stokes, William.** A Treatise on the Diagnosis and Treatment of Diseases of the Chest. With Memoir by Dr. Acland. Edited by Alfred Hudson, M.D.

Part i.—Diseases of the Lung and Windpipe.

(*New Sydenham Society.*)

8°. London, 1882.

**Stone, Edward James.** Catalogue of 12,441 Stars, for the epoch 1880; from Observations made at the Royal Observatory, Cape of Good Hope, during the years 1871 to 1879.

4°. London, 1881.

(*The Board of Admiralty.*)

**Stricker, S.** Manual of Human and Comparative Histology. Edited by.— Translated by H. Power. 3 Vols.

(*New Sydenham Society.*)

8°. London, 1870-3.

**Strickland, H. E.** Bibliographia Zoologiæ et Geologiæ. A general Catalogue of all Books, Tracts, and Memoirs on Zoology and Geology, by Professor Louis Agassiz. Corrected, enlarged, and edited by.— 4 Vols.

(*Ray Society.*)

8°. London, 1848-54.

**Studer, Th., and Wright, E. Perceval.** Report on the Alcyonaria collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1889.

(*Zool., Chall. Exp., Part 64.*)

**Suckley, G.** No. 2. Report upon the Mammals collected on the Survey; No. 3. Report upon the Water Birds; No. 5. Report upon the Fishes. 4°. Washington, 1860.

(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)

**Sullivant, W. S.** No. 5. Botany. Description of the Mosses and Liverworts.

8°. Washington, 1856.

(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)

**Sully, James.** Illusions, a Psychological Study.

8°. London, 1881.

**Sutton, Francis.** A Systematic Handbook of Volumetric Analysis; or, the quantitative estimation of Chemical substances by measure, applied to liquids, solids, and gases. Second edition.

8°. London, 1871.

**Svanberg, Jöns.** Disquisitiones Analyticæ in Theoriam Refractionum Astronomicarum. 4°. [Stockholm] nd.

- Swindell, John Geo.** Rudimentary treatise on Well-digging, Boring, and Pump-work. Seventh edition. Revised by G. R. Burnell. 8°. London, 1877.
- Sydenham, Thomae.** Opera Omnia. Editit Guilielmus Alexander Greenhill, M.D. 8°. London, 1844.  
(*Sydenham Society*)
- Sydenham, Thomas** The Works of.— Translated from the Latin edition of Dr. Greenhill, with a Life of the Author by R. G. Latham, M.D. 2 Vols. 8°. London, 1848-50.  
(*Sydenham Society.*)
- Syme, James.** The Principles of Surgery. 8°. Edinburgh, 1832.
- Symington, Johnson.** The Topographical Anatomy of The Child. Folio Edinburgh, 1887.
- Symons, Thomas W.** Report of an examination of the Upper Columbia River and the territory in its vicinity in Sept. and Oct. 1881 to determine its navigability, and adaptability to Steamboat transportation. 4°. Washington, 1882.  
(*Engineer Department, U.S. Army.*)
- Tait, P. G.** Miscellaneous Scientific Papers by W. J. M. Rankine, C.E., LL.D., F.R.S. With a memoir of the Author by.— 8°. London, 1881.
- The Pressure Errors of the Challenger Thermometers. 4°. London, 1882.  
(*Narr. Chall. Exp., Vol. ii.*)
- Tanquerel des Planches, L.** Lead Diseases: a Treatise from the French of.— With notes and additions on the use of Lead Pipe and its Substitutes, by Samuel L. Dana, M.D. 8°. Lowell, 1848.
- Teale, T. Pridgin.** Dangers to Health: a pictorial Guide to Domestic Sanitary Defects. Fourth edition. 8°. London, 1883.
- Tebbutt, John.** Results of Meteorological Observations made at the Private Observatory of John Tebbutt, The Peninsula, Windsor, New South Wales, in the years 1863-85. 8°. Sydney, 1868-86.



**Tenner, Adolf, and Kussmaul, Adolf.** Epileptiform Convulsions from Hæmorrhage. 8°. London, 1859.

(New Sydenham Society.)

**Theel, Hjalmar.** Report on the Holothurioidæ dredged by H.M.S. "Challenger" during the years 1873-1876. Parts i. and ii. 4°. London, 1882-86.

(Zool., Chall. Exp., Parts 13 and 39.)

**Thomas, Cyrus.** A Synopsis of the Acrididæ of North America. 4°. Washington, 1873.

(U.S. Geological Survey of the Territories.)

— A Study of the Manuscript Troano by.— With an Introduction by D. G. Brinton. 4°. Washington, 1882.

(U.S. Geographical and Geological Survey of the Rocky Mountain Region.)

**Thomas, John Davies.** Hydatid Disease, with special reference to its prevalence in Australia. 8°. Adelaide, 1884.

**Thompson, Theophilus.** Annals of Influenza or Epidemic Catarrhal Fever in Great Britain from 1510 to 1837. Prepared and edited by.— 8°. London, 1852.

(Sydenham Society.)

**Thompson, J. Ashburton.** A Report to the President of the Board of Health: containing Photographs of a Person suffering from Variola Discreta, and an account of the case; to which is added a Clinical Report and Diagnosis of the five cases with which the outbreak of Small Pox of 1884-5 began. Folio, Sydney, 1886.

(Government Printer, Sydney.)

**Thomson, Sir C. Wyville.** Report on the Scientific results of the voyage of H.M.S. "Challenger" during the years 1873-76, under the command of Capt. G. S. Nares and the late Capt. F. T. Thomson. Prepared under the superintendence of the late,— and now of John Murray.

Botany, Vols. I., II. Narrative, Vols. I., II. Physics and Chemistry, Vol. I. Zoology, Vols. I.—xxxI. 45 Vols.

4°. London, 1880-89.

**Thomson, James.** The Seasons, with his last corrections and improvements, with the Life of the Author.

2 Vols. in 1. 8°. Perth, N.B., 1790.

- Thomson, Sir William.** Notes of Lectures on Molecular Dynamics, and the Wave Theory of Light. Delivered at the Johns Hopkins University, Baltimore, by.—  
Stenographically reported by A. S. Hathaway.  
4°. Baltimore, 1884.  
(*Johns Hopkins University.*)
- Thorburn, Richard.** A Catalogue of the Books in the Admiralty Library.  
4°. London, 1875.  
(*The Board of Admiralty.*)
- Thurston, R. H.** A History of the Growth of the Steam Engine. Third edition.  
8°. London, 1883.
- Tizard, T. H.** Memorandum on the Meteorological Observations made during the voyage of H.M.S. "Challenger" 1872-76.  
4°. London, 1882.  
(*Narr. Chall. Exp., Vol. ii.*)
- , **Moseley, H. N., Buchanan, J. Y., and Murray, John.** Narrative of the Cruise of H.M.S. "Challenger," with a General Account of the Scientific Results of the Expedition.  
2 Vols. in 3. 4°. London, 1882-5.
- Tolhausen, Alexander.** Technological Dictionary in the English, German, and French Languages. Edited by.— Revised by Louis Tolhausen. Second edition.  
3 Vols. 8°. Leipzig, 1876-8.
- Tomasi-Crudeli, C., and Klebs, Edwin.** Memoir on the nature of Malaria. Translated and edited by Edward Drummond, M.D.  
8°. London, 1888.  
(*New Sydenham Society.*)
- Topley, William, and Sherborn, Charles D.** The Geological Record for 1880—1884, inclusive.  
Vol. I.—Stratigraphical and Descriptive Geology.  
8°. London, 1888.
- Torrey, John.** Descriptions of the General Botanical Collections of the Survey.  
4°. Washington, 1856.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)
- — Botanical Report.  
4°. Washington, 1857.  
(*U.S. Railway Survey, Mississippi River to Pacific Ocean.*)
- Totten, G. M., and Schroeder, S.** Coast and Ports of the Bay of Biscay.  
8°. Washington, 1876.  
(*U.S. Hydrographic Office.*)

- Tower, Z. B.** Report upon the Practice in Europe with the Heavy Armstrong, Woolwich, and Krupp Rifled Guns. Submitted by the Board of Engineers for Fortifications. 4°. Washington, 1883.  
(Professional Papers of the Corps of Engineers U.S. Army.)
- Trapezontio, Georgio.** Opus insigne beati patris Cyrilli patriarche Alexandrini in Evangelium Joannis. 4°. Paris, 1508.
- Traquair, Ramsay H.** The Ganoid Fishes of the British Carboniferous Formations. Part i. 4°. London, 1877.  
(Palæontographical Society.)
- Troltsch, Prof. von.** The Surgical Diseases of the Ear. Translated from the German by James Hinton. 8°. London, 1874.  
(New Sydenham Society.)
- Trouessart, E. L.** Microbes, Ferments and Moulds. 8°. London, 1886.
- Troughton, Edward.** An account of the Repeating Circle and of the Altitude and Azimuth Instrument. 4°. London, 1821.
- Trousseau, A.** Lectures on Clinical Medicine delivered at the Hôtel-Dieu, Paris. Translated and edited with notes and appendix by P. O. Bazire. 5 Vols. 8°. London, 1868-72.  
(New Sydenham Society.)
- Clinical Lectures on the Practice of Medicine. By the late Robert J. Graves, M.D. To which is prefixed a criticism by.— 2 Vols. 8°. London, 1884.  
(New Sydenham Society.)
- Tryon, G. W.** Land and Fresh Water Shells of North America. Part iv. Strepomatidæ (American Melanians). 8°. Washington, 1873.  
(Smithsonian Miscellaneous Collections, Vol. xvi.)
- Tucker, G. A.** Lunacy in many Lands. 8°. Sydney, 1887.  
(Government Printer, Sydney.)
- Tuckerman, Alfred.** Index to the Literature of the Spectroscope. 8°. Washington, 1888.  
(Smithsonian Miscellaneous Collections, Vol. xxxii.)



**Turnbull, William.** Reports on the Construction of the Piers of the Aqueduct of the Alexandria Canal, across the Potomac River at Georgetown, District of Columbia 1835 to 1840. 4°. Washington, 1873.

(Engineer Department, U.S. Army.)

**Turner, Sir William.** Report on the Bones of Cetacea collected during the Voyage of H.M.S. "Challenger" in the years 1873-76. 4°. London, 1880.

(Zool., Chall. Exp., Part 4.)

— Report on the Human Crania and other Bones of the Skeletons collected during the Voyage of H.M.S. "Challenger" in the years 1873-76. Parts i. and ii. 4°. London, 1884-86.

(Zool., Chall. Exp., Parts 29 and 47.)

— Report on the Seals collected during the Voyage of H.M.S. "Challenger" in the years 1873-76.

(Zool., Chall. Exp., Part 68.)

4°. London, 1888.

**Tyndall, John.** On Radiation. The "Rede" Lecture delivered in the Senate House before the University of Cambridge on Tuesday, May 16, 1865.

8°. London, 1865.

— Researches on Diamagnetism and Magne-crystalline action, including the question of Diamagnetic Polarity. 8°. London, 1870.

— Contributions to Molecular Physics in the domain of Radiant Heat. 8°. London, 1872.

— Address delivered before the British Association assembled at Belfast, with additions. 8°. London, 1874.

— Lessons in Electricity at the Royal Institution 1875-6. 8°. London, 1876.

— The Forms of Water in Clouds and Rivers, Ice and Glaciers. Sixth edition. 8°. London, 1876.

— — Eighth edition. 8°. London, 1883.

— Fragments of Science: a series of detached essays, addresses, and reviews. Sixth edition. 2 Vols.

8°. London, 1879.

- Tyndall, John** (*cont.*) Heat, a Mode of Motion. Sixth edition. 8°. London, 1880.
- Notes of a course of nine lectures on Light delivered at the Royal Institution of Great Britain, April 8—June 3, 1869. Eleventh edition. 8°. London, 1882.
- Six Lectures on Light delivered in the United States in 1872-73. Third edition. 8°. London, 1882.
- Essays on the Floating-Matter of the Air in relation to Putrefaction and Infection. Second edition. 8°. London, 1883.
- Sound. Fourth edition. 8°. London, 1883.
- Faraday as a Discoverer. Fourth edition. 8°. London, 1884.
- Ulrich, G. H. F., and Hutton, F. W.** Report on the Geology and Gold Fields of Otago. 8°. Dunedin, 1875.  
(Provincial Council of Otago.)
- Unzer, John Augustus.** The Principles of Physiology by.— And a Dissertation on the Functions of the Nervous System by George Prochaska. Translated and edited by Thomas Laycock, M.D. 8°. London, 1851.  
(Sydenham Society.)
- Ure, Andrew.** Dictionary of Arts, Manufactures, and Mines, containing a clear exposition of their principles and practice. By Robert Hunt assisted by F. W. Rudler. Seventh edition. 4 Vols. 8°. London, 1878.
- Van der Kolk, Schroeder.** On the minute structure and functions of the Spinal Cord and Medulla Oblongata, and on the proximate cause and rational treatment of Epilepsy. Translated by W. D. Moore. 8°. London, 1859.  
(New Sydenham Society.)
- On Atrophy of the Brain. 8°. London, 1861.  
(New Sydenham Society.)
- Van Rysselberghe.** Diagrammes du Meteorographe, Année 1879-82. Two parts. Folio Bruxelles, 1883.  
(Observatoire Royal de Bruxelles.)

**Velpeau, A.** A Treatise on the Diseases of the Breast and Mammary Region. Translated from the French by Mitchell Henry. 8°. London, 1856.

(Sydenham Society.)

**Vignoli, Tito.** Myth and Science : an essay. 8°. London, 1882.

**Vincent, Benjamin.** Haydn's Dictionary of Biography, Past and Present, containing the chief events in the lives of eminent persons of all ages and nations. Edited by.— 8°. London, n.d.

— Haydn's Dictionary of Dates and Universal Information relating to all ages and nations. Containing the History of the World to the Autumn of 1881. Seventeenth edition. 8°. London, 1881.

**Vogel, Hermann.** The Chemistry of Light and Photography in their application to Art, Science, and Industry. 8°. London, 1876.

**Vogel, J., and Neubauer, C.** A Guide to the Qualitative and Quantitative Analysis of the Urine, designed especially for the use of Medical Men. Translated by William O. Markham. Fourth edition. 8°. London, 1863.

(New Sydenham Society.)

**Vogt, Carl.** Lectures on Man : his place in Creation, and in the History of the Earth. Edited by James Hunt, Ph.D. 8°. London, 1864.

(Anthropological Society.)

**Von Ziemssen, H.** Handbook of General Therapeutics. 7 Vols. 8°. London, 1885-87.

**Volkmann, Richard.** Clinical Lectures on subjects connected with Medicine, Surgery, and Obstetrics, by various German authors. Selected from the series published by.— 2 Vols. 8°. London, 1876-7.

(New Sydenham Society.)

**Virgelius, W. J.** Die Bryozoen, gesammelt während der dritten und vierten Polarfahrt des "Willem Barents" in den Jahren 1880 und 1881 bearbeitet von.—

(Société Royale de Zoologie, Amsterdam.) 4°. Amsterdam, 1884.



- Vosmaer, G. C. J.** The Sponges of the "Willem Barents" Expedition 1880-81. 4°. Amsterdam, 1885.  
(*Société Royale de Zoologie, Amsterdam.*)
- Vulliamy, B. L.** Some considerations on the subject of Public Clocks, particularly Church Clocks : with hints for their improvement. 4°. London, 1828.
- Wagner, Rudolf von.** A handbook of Chemical Technology by.— Translated and edited from the eighth German edition with extensive additions by William Crookes. 8°. London, 1872.
- Jahres-Bericht über die Leistungen der Chemischen Technologie für 1876-80 Herausg. von.— Neue Folge, Jahrgang 7—19. 8°. Leipzig, 1877-89.  
Jahrgang 11—19. Fortgesetzt von Dr. Ferdinand Fischer.
- Wagner, Albrecht.** Resection of Bones and Joints. Translated, with an appendix of cases, by T. Holmes. 8°. London, 1859.  
(*New Sydenham Society.*)
- Waitz, Theodor.** Introduction to Anthropology. Edited, with numerous additions by the author, by J. Frederick Collingwood. 8°. London, 1863.  
(*Anthropological Society.*)
- Walcott, Charles D.** Palæontology of the Eureka District. 4°. Washington, 1884.  
(*U.S. Geological Survey, Monographs, Vol. viii.*)
- Walker, J. G.** Telegraphic Determination of Longitudes in Japan, China, and the East Indies, with the Latitude of the Several Stations by Lieut. F. M. Green and Lieut. J. A. Norris in 1881 and 1882. 4°. Washington, 1883.  
(*U.S. Hydrographic Office.*)
- Wall, J. Sutton.** Report on the Coal Mines of the Monongahela River Region, from the West-Virginia State Line to Pittsburgh, including the mines on the lower Youghiogheny River. 8°. Harrisburg, 1884.  
(*Second Geological Survey of Pennsylvania.*)
- Wallace, Professor.** The Doctrine of Proportion. 8°. London, nd.

- Walshe, W. H.** Researches in Phthisis, Anatomical, Pathological, and Therapeutical, by P. C. A. Louis. Translated by.—  
8°. London, 1844.  
(Sydenham Society.)
- Wanklyn, J. Alfred, and Chapman, Ernest T.** Water-Analysis: a practical treatise on the examination of potable water. Third edition. 8°. London, 1874.
- Ward, Lester F.** Sketch of Palæobotany.  
4°. Washington, 1885.  
(U.S. Geological Survey, 5th Report.)
- Synopsis of the Flora of the Laramie Group.  
4°. Washington, 1885.  
(U.S. Geological Survey, 6th Report.)
- Waring, Edward John.** Bibliotheca Therapeutica or Bibliography of Therapeutics, chiefly in reference to articles of the Materia Medica, with numerous critical, historical and therapeutical annotations, and an appendix containing the bibliography of British Mineral Waters. Vols. I. and II. 8°. London, 1878-9.  
(New Sydenham Society.)
- Warner, Francis.** Physical Expression, its modes and principles. 8°. London, 1885.
- Warner, Oliver.** Reports to the Legislature of Massachusetts relating to the Registry and Return of Births, Marriages and Deaths in the Commonwealth, for the years 1858, '59, '61, '62, '68-'73. 8°. Boston, 1859-75.  
(Commonwealth of Massachusetts.)
- Waterhouse, G. R.** A Natural History of the Mammalia.  
Vol. I.—Marsupialia, or Pouched Animals.  
,, II.—Rodentia, or Gnawing Mammalia. 8°. London, 1846-8.
- Waters, Arthur W.** Supplementary Report on the Polyzoa collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1889.  
(Zool., Chall. Exp., Part 79.)
- Watson, Morrison.** Report on the Anatomy of the Spheniscidæ collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1883.  
(Zool., Chall. Exp., Part 18.)

- Watson, Rev. Robert Boog.** Report on the Scaphopoda and Gasteropoda collected by H.M.S. "Challenger" during the years 1873-76. 4°. London, 1886.  
(Zool., Chall. Exp., Part 42.)
- Watson, Sir Thomas.** Lectures on the Principles and Practice of Physic delivered at King's College, London. 2 Vols. Fifth edition. 8°. London, 1871.
- The collected Works of Dr. P. M. Latham, with Memoir by.— 2 Vols. 8°. London, 1876.  
Vol. I.—Diseases of the Heart.  
„ II.—Clinical Medicine, &c.  
(New Sydenham Society.)
- Watts, Henry.** Handbook of Chemistry by Leopold Gmelin. Translated by.— 18 Vols. and Index. 8°. London, 1848-72.  
(Cavendish Society.)
- A Manual of Elementary Chemistry, theoretical and practical, by Georges Fownes, F.R.S. Eleventh edition, revised and corrected by.— 8°. London, 1873.
- A Dictionary of Chemistry and the allied branches of other Sciences by.— Assisted by eminent contributors. 8 Vols. 8°. London, 1874-79.
- Wedl, Carl.** Rudiments of Pathological Histology. Translated and edited by George Busk, F.R.S. 8°. London, 1855.  
(Sydenham Society.)
- Weld, Charles Richard.** A History of the Royal Society, with Memoirs of the Presidents. Compiled from authentic documents. 2 Vols. 8°. London, 1848.
- Wenckebach, Gulielmus.** Disputatio Mathematica inauguralis de Pontium lapideorum Forma et Mensuris ex æquilibrîi doctrina determinandis. 4°. Amstelodami, 1830.
- Wetherill, J. P.** A Special Report to the Legislature upon the causes, kinds and amount of Waste in Mining Anthracite by Franklin Platt. With a chapter on the Methods of Mining by.— 8°. Harrisburg, 1881.  
(Second Geological Survey of Pennsylvania.)



**Wheeler, Capt. George M.** Report upon U.S. Geographical Surveys West of the One Hundredth Meridian, in charge of.— Under the direction of Brigadier-General A. A. Humphreys. Vols. II. to VII.

Vol. II.—Astronomy and Barometric Hypsometry.

„ III.—Geology (and Supplement).

„ IV.—Palæontology.

„ V.—Zoölogy.

„ VI.—Botany.

„ VII.—Archæology.

(Engineer Department, U.S. Army.)

4°. Washington, 1877-79.

— Report upon the Third International Geographical Congress and Exhibition at Venice, Italy, 1881, accompanied by data concerning the principal Government Land and Marine Surveys of the World.

(Engineer Department, U.S. Army.)

4°. Washington, 1885.

— Tables of Geographic Positions, Azimuths, and Distances, together with lists of Barometric Altitudes, Magnetic Declinations and Itineraries of Important Routes, prepared principally by First Lieut. M. M. Macomb, under the direction of.—

(Engineer Department, U.S. Army.)

4°. Washington, 1885.

**Whidborne, G. F.** A Monograph of the Devonian Fauna of the South of England, Part i. 4°. London, 1889.

(Palæontographical Society.)

**Whipple, A. W., Ewbank, Thomas, and Turner, W. W.** Report upon the Indian Tribes. 4°. Washington, 1855.

(U.S. Railway Survey, Mississippi River to Pacific Ocean.)

**Whitaker, Joseph.** Almanacks for the years 1877 and 1882 to 1889. 8°. London, 1877-89.

**Whitaker, William, and Dalton, W. H.** The Geological Record. An account of works on Geology, Mineralogy and Palæontology published during the years 1874-79. Edited by.— 6 Vols. 8°. London, 1875-87.

**White, Charles A.** Report upon the Invertebrate Fossils collected in portions of Nevada, Utah, Colorado, New Mexico, and Arizona, by parties of the expeditions of 1871-74. 4°. Washington, 1877.

(U.S. Geographical Surveys West of the 100th Meridian.)

- White, Charles A. (cont.)** Report on the Carboniferous Invertebrate Fossils of New Mexico. (Appendix.)  
 (U.S. Geological Surveys West of the 100th Meridian.) 4°. Washington, 1881.
- A Review of the Non-Marine Fossil Mollusca of North America. 4°. Washington, 1883.  
 (U.S. Geological Survey, 3rd Report.)
- A Review of the Fossil Ostreidæ of North America; and a comparison of the fossil with the living forms. With appendices by Prof. Angelo Heilprin and John A. Ryder. 4°. Washington, 1884.  
 (U.S. Geological Survey, 4th Report.)
- White, F. Buchanan.** Report on the Pelagic Hemiptera procured during the Voyage of H.M.S. "Challenger" in the years 1873-1876. 4°. London, 1883.  
 (Zool., Chall. Exp., Part 19.)
- White, I. C., and Fontaine, W. M.** The Permian or Upper Carboniferous Flora of West Virginia and S.W. Pennsylvania. 8°. Harrisburg, 1880.  
 (Second Geological Survey of Pennsylvania.)
- White, James.** Mémoire sur un Nouveau Système de Roues Dentées dont l'action est nécessairement constante. 4°. Paris, 1812.
- Whitfield, R. P.** Brachiopoda and Lamellibranchiata of the Raritan Clays and Greensand Marls of New Jersey. 4°. Washington, 1885.  
 (U.S. Geological Survey, Monographs, Vol. ix.)
- , and **Hall, James.** Palæontology. 4°. Washington, 1877.  
 (U.S. Geological Exploration of the Fortieth Parallel.)
- Whitley, G.** A Treatise on Syphilis, Historical and Practical by E. Lancereux. Translated by.—  
 2 Vols. 8°. London, 1868-9.
- Whitney, William Dwight.** The Life and Growth of Language. 8°. London, 1875.
- Whitworth, Lord.** England and Napoleon in 1803 being the Despatches of Lord Whitworth and others now first printed from the originals in the Record Office. Edited by Oscar Browning, M.A. 8°. London, 1887.  
 (Royal Historical Society.)

**Wigner, G. W., Harland, R. H., and Lock, C. G. W.** Sugar Growing and Refining: A comprehensive treatise on the culture of sugar-yielding Plants and the manufacture refining, and analysis of Cane, Beet, Maple, Melon, Milk, Palm, Sorghum, and Starch Sugars; and on the Distillation of Rum. 8°. London and New York, 1882.

**Wilkinson, C. S.** Notes on the Geology of New South Wales. 4°. Sydney, 1882.  
(Department of Mines, Sydney.)

**Wilks, Dr., and Daldy, Dr.** A Collection of the Published Writings of the late Thomas Addison, M.D. Edited, with introductory prefaces to several of the papers. 8°. London, 1868.  
(New Sydenham Society.)

**Williams, Albert, Junior.** Popular Fallacies regarding the Precious-Metal Ore Deposits. 4°. Washington, 1884.  
(U.S. Geological Survey, 4th Report.)

— **Mineral Resources of the United States.** Calendar Years 1882-84. 2 Vols. 8°. Washington, 1883-5.  
(U.S. Geological Survey.)

**Williams, Edward, Mudge, William, and Dalby, Isaac.** An account of the Trigonometrical Survey carried on in the years 1791-4. By order of His Grace the Duke of Richmond. 4°. London, 1795.

**Williamson, R. S., and Heuer, W. H.** Report upon the Blossom Rock, San Francisco Harbour, California, in 1870. 4°. Washington, 1870.

**Williamson, William Crawford.** On the Recent Foraminifera of Great Britain. 4°. London, 1858.  
(Ray Society.)

— **A Monograph on the Morphology and Histology of *Stigmaria ficoides*, complete.** 4°. London, 1887.  
(Paleontographical Society.)

**Willis, Robert.** The Works of William Harvey, M.D. Translated from the Latin with a Life of the Author. 8°. London, 1847.  
(Sydenham Society.)



- Wilson, A. J.** A Dictionary, practical, theoretical, and historical, of Commercial Navigation by J. R. McCulloch. With a Supplement by.— Latest edition.  
8°. London, 1882.
- Wilson, George.** The Life of the Hon. Henry Cavendish, including abstracts of his more important Scientific papers and a critical inquiry into the claims of all the alleged discoverers of the composition of water.  
(*Cavendish Society.*) 8°. London, 1851.
- Winthrop, W.** Digest of Opinions of the Judge Advocate General of the Army: containing a selection of official opinions furnished between Sept. 1862 and July 1868. Edited by.— Third edition. 8°. Washington, 1868.  
(*Government Printing Office, Washington.*)
- Wittstein, Dr. G. C.** The Organic Constituents of Plants and Vegetable Substances, and their Chemical Analysis. Authorised translation from the German Original, enlarged with numerous additions, by Baron Ferd. von Mueller.  
8°. Melbourne, 1878.
- Wollaston, Francis.** A description of a new System of Wires in the Focus of a Telescope for observing the comparative Right Ascensions and Declinations of Celestial Objects.  
4°. London, 1785.
- A description of a Transit Circle for determining the place of Celestial Objects as they pass the meridian.  
4°. London, 1793.
- Wood, George B.** A treatise on the Practice of Medicine. Second edition. 2 Vols. 8°. Philadelphia, 1849.
- Wood, Harrie.** Mineral Products of New South Wales.  
(*Department of Mines, Sydney.*) 4°. Sydney, 1882.
- Wood, Searles V.** A Monograph of the Crag Mollusca, with descriptions of Shells from the Upper Tertiaries of the British Isles.  
4°. London, 1848-82.  
Vol. I.—(*Univalves*) complete, Vol. II.—(*Bivalves*) complete, Supplements Nos. 1, 2 and 3, complete.  
(*Palæontographical Society.*)

**Wood, Searles V. (cont.)** A Monograph of the Eocene Bivalves of England. Vol. I. complete, and Supplement Vol. I. complete. 4°. London, 1861-77.

(Palaeontographical Society.)

—, and **Edwards, Frederic E.** A Monograph of the Eocene Cephalopoda and Univalves of England. Vol. I. complete. 4°. London, 1849-77.

(Palaeontographical Society.)

**Woodhead, G. Sims, and Hare, Arthur W.** Pathological Mycology, an enquiry into the etiology of infective diseases. 8°. Edinburgh, 1885.

**Woodhull, Alfred A.** Catalogue of the Surgical Section of the United States Army Medical Museum, prepared under the direction of the Surgeon General U.S. Army. 4°. Washington, 1866.

(Government Printing Office, Washington.)

**Woods, Rev. Julian E.** Geological Observations in South Australia: principally in the district South-east of Adelaide. 8°. London, 1862.

**Woods, Rev. J. E. Tenison.** Scientific Papers. (Botany, Geology, Natural History.) 1 Vol. 8°. 1876-82.

— Fish and Fisheries of New South Wales.

(Government Printer, Sydney.)

8°. Sydney, 1882.

**Woodward, Henry.** A Monograph of the British Fossil Crustacea, belonging to the order Merostomata. Parts i. to v., complete. 8°. London, 1866-78.

(Palaeontographical Society.)

— A Monograph of the British Carboniferous Trilobites. Parts i. and ii., complete. 8°. London, 1883-4.

(Palaeontographical Society.)

—, and **Jones, T. Rupert.** A Monograph of the British Palæozoic Phyllopora. (*Phyllocarida*, Packard) Part i.

(Palaeontographical Society.)

4°. London, 1888.

**Woodward, J. J.** Catalogue of the Medical Section of the United States Army Medical Museum, prepared under the direction of the Surgeon General, U.S. Army.

(Government Printing Office, Washington.)

4°. Washington, 1867.

**Woolls, William.** Lectures on the Vegetable Kingdom with special reference to the Flora of Australia.

8°. Sydney and Parramatta, 1879.

**Wright, Thomas.** A Monograph on the British Fossil Echinodermata from the Oolitic Formations. Vol. I. and II., complete.

4°. London, 1855-80.

(*Palæontographical Society.*)

— A Monograph on the British Fossil Echinodermata from the Cretaceous Formations. Vol. I., complete.

(*Palæontographical Society.*)

4°. London, 1864-82.

— Monograph on the Lias Ammonites of the British Islands. Parts i. to viii., complete.

(*Palæontographical Society.*)

4°. London, 1878-86.

**Wright, E. Perceval, and Studer, Th.** Report on the Alcyonaria collected by H.M.S. "Challenger" during the years 1873-76.

4°. London, 1889.

(*Zool., Chall. Exp., Part 64.*)

**Wrigley, H. E.** Special Report on the Petroleum of Pennsylvania, its production, transportation, manufacture and statistics.

8°. Harrisberg, 1875.

(*Second Geological Survey of Pennsylvania.*)

**Wronski, M. Höené.** Extrait du Mémoire de M. H. Wronski sur la Théorie de la Terre.

8°. Paris, nd.

**Wunderlich, C. A.** On the Temperature in Diseases: a manual of Medical Thermometry. Translated from the second German edition by W. Bathurst Woodman, M.D.

(*New Sydenham Society.*)

8°. London, 1871.

**Wurtz, Ad.** The Atomic Theory. Translated by E. Cleminshaw, M.A. Third edition.

8°. London, 1881.

**Yarrow, H. C., Henshaw, H. W., and Cope, E. D.** Reports upon the Zoological Collections obtained from portions of Nevada, Utah, California, Colorado, New Mexico and Arizona in 1871-4.

4°. Washington, 1875.

(*Geographical and Geological Exploration and Surveys West of the 100th Meridian.*)



**Year Book** of Medicine, Surgery, and their allied Sciences,  
1859-64. Edited by Dr. Harley and others.

(*New Sydenham Society.*)

8°. London, 1860-65.

**Young, C. A.** The Sun.

8°. London, 1882.

**Young, Frederick.** Imperial Federation of Great Britain and  
Her Colonies. In letters edited by.—

8°. London, 1876.

**Young, Thomas.** An Essay on the Medical Effects of  
Climates.

8°. London, 1813.

— Remarks on the Probabilities of Error in Physical  
Observations, and on the Density of the Earth, con-  
sidered especially with regard to the Reduction of  
Experiments on the Pendulum. (In a letter to Capt. Henry Kater.)

4°. London, 1819.

— Rules and Tables for clearing the Compass of the  
regular effect of a ship's attraction.

8°. London, 1819.

— Remarks on the Depression of Mercury in Glass  
Tubes.

8°. London, 1820.

— Easy Construction for Correcting Lunar Observations.

8°. London, nd.

— Remarks on Laplace's latest Computation of the  
Density and Figure of the Earth.

8°. London, nd.

— Tables of Stars liable to Lunar Occultations.

8°. London, nd.

— The Resistance of the Air, determined from Captain  
Kater's Experiments on the Pendulum.

8°. London, nd.

**Zirkel, Ferdinand.** Microscopical Petrography.

(*U.S. Geological Exploration of the Fortieth Parallel.*)

4°. Washington, 1876.

**Zuccarini, J. G.** On the Morphology of the Coniferæ.  
Translated by George Busk.

8°. London, 1846.

(*Ray Society.*)



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